[illegible]

[illegible]

Rękopis i jego oprawę wyrestaurował introligator Jan Wyżga w r. 1939.
Dodano nowe karty ochronne, nowy jest także pasek skórzany na grzbie=
cie (przeszyty na wzór starego, który był zupełnie zetlały).

[illegible]

none spere et ad thema 30 ad [illegible] nane
spere [illegible] sed tam planete [illegible] semper
[illegible] ut [illegible] ad [illegible] planetas
in octava spera et in nona [illegible] quidque
[illegible] planete in octava spera [illegible]
[illegible] [illegible] [illegible] distat [illegible]
distancia capitis arietis [illegible]
1 octave spere a capite arietis [illegible]
1 none spere [illegible] [illegible] [illegible]
aliarum planete in octava spera [illegible]
[illegible] [illegible] [illegible] semper [illegible]
none spere [illegible] [illegible] octave spere
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] esset [illegible]
[illegible] 3 7 9 8 2 an [illegible] 60 [illegible] complerent
[illegible] [illegible] [illegible] [illegible] 60 [illegible]
[illegible] [illegible] [illegible] [illegible] et [illegible]
illos annos 6 menses et 19 dies [illegible]
reducenda illos ad [illegible] [illegible] ad dies
et [illegible] fit [illegible] multiplicat [illegible] 3 6 5
dies et [illegible] [illegible] 9 7 0 9 3 0
[illegible] annos [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible]
[illegible] 8 8 1 0 qui [illegible] addam [illegible]
et [illegible] [illegible] 9 7 9 8 0 0
[illegible] dies [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] 19 [illegible]
[illegible] 2 0 0 qui [illegible] adda et [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
1 2 9 6 0 0 0 0 qui reducit ad [illegible]
[illegible] [illegible] ~~[illegible]~~ [illegible]
[illegible] 60 et [illegible] 0 in [illegible] 0
[illegible] 2 7 8 0 in 3 6 6 0 [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] aliqui [illegible] [illegible] planeta [illegible]

Tempus anni [illegible] [illegible] 21 [illegible] adiciendum
[illegible] ad [illegible] 2 3 [illegible]
2 [illegible] 10 20

Item [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible]
aliquis [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] 1 8 1 [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
annos 2 [illegible] [illegible]
Item [illegible] [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible]
[illegible] 30 [illegible] [illegible] [illegible]
fit in 3 6 [illegible] [illegible] [illegible]
in [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
in 1 9 0 [illegible] [illegible] [illegible] [illegible]
in [illegible] 3 7 [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
kalendario [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] in [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
in [illegible] signis et [illegible] [illegible] [illegible] 30 dies 10
horas [illegible] 29 / et 36 2 [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] ad [illegible] [illegible]
29 dies [illegible] [illegible] [illegible] [illegible] et 3 2
[illegible] aut [illegible] et [illegible] [illegible]
in kalendario [illegible] in [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] et
[illegible] [illegible] 2 2 [illegible] [illegible] [illegible] dies [illegible]
et [illegible] [illegible] [illegible] [illegible] [illegible] ad
[illegible] [illegible] dies [illegible] [illegible] [illegible]
in [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] tabulas [illegible] [illegible] et
[illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] et [illegible] ut sit [illegible] egiptiorum et [illegible] sit [illegible] computationibus [illegible] et [illegible] egiptii [illegible] computabant [illegible] 365 diebus et 6 horis ita [illegible] 6 horas [illegible] [illegible] egiptii computabant [illegible] diluvii [illegible] et [illegible] 365 diebus [illegible] 6 [illegible] almagesti [illegible] egiptiorum [illegible]

[illegible] diluvii [illegible] mensis [illegible] 31 [illegible] diebus [illegible] februarius [illegible] 28 diebus [illegible] 29 diebus [illegible]

[illegible] computationibus [illegible] [illegible] julii [illegible] februarius [illegible] 28 diebus [illegible] 29 [illegible]

[illegible] egiptiorum computationibus [illegible] 30 diebus [illegible] 31 diebus [illegible] 36 diebus [illegible] egiptiorum computationibus [illegible] diluvii [illegible] 365 diebus [illegible] 30 diebus [illegible] 31 diebus [illegible] 32 diebus [illegible] arabes [illegible]

qui [illegible] sup[er] [illegible] qui [illegible] [illegible] malediccio [illegible] maledictam [illegible] arabes [illegible] ita [illegible] 354 diebus et 11 [illegible] 8 horas et 48 [illegible] arabes [illegible] 30 diebus [illegible] 29 diebus [illegible] 30 diebus [illegible] 29 [illegible] 30 [illegible] 29 [illegible] 30 et [illegible] 29 [illegible] [illegible] julii [illegible]

Era diluvii ad incarnationem [illegible] 22
1 [illegible] 38 3 42 2 49 1 [illegible]
Era cesaris ad tempus [illegible]
2 [illegible] 28 3 12 7 4 0 1 [illegible]
Era arabum ad tempus [illegible]
6 [illegible] 4 1 3 6 [illegible] 9 [illegible] 1
Era alfonsii ad tempus [illegible]
[illegible] 3 [illegible] 2 2 1 1
Era diluvii [illegible] annis [illegible] et diebus ad tempus [illegible]
1 2 [illegible] annis 10 mensibus [illegible]
Era alfonsii ad tempus [illegible] annis [illegible] et diebus [illegible] 6 9 [illegible]
1 mensis 2 dies [illegible]

[illegible] ... et 27

[illegible] ... 276 et 1 ... 339 99 [illegible]

[illegible] in mensibus et [illegible]

[illegible]

[illegible] ... 339 99 [illegible]

[illegible]

[illegible] ... 39 99 [illegible] ... 39 99 [illegible]

[illegible]

[illegible] alpharagii [illegible]

[illegible]

Era alpharagii

Era alpharagii in annis mensibus alpharagii

169 anni 1 mensis

Era machometi [illegible] 3 3 16 2 16

339 | 79 | 96

[illegible] 1721 [illegible] quarta feria [illegible]

11	49	2		
19	36	28		
8	49	2	3	
0	36	31	10	
11	49	2	1	
22	79	9	1	
8	49	2	3	9
0	41	16	41	30

[illegible]

49	29	2	2	
19	79	9	8	36
8	49	2	2	
23	19	17	36	27

[illegible]

11 8 38 3

Introitus solis in arietem ad meridiem [illegible] anno domini 1400 dierum [illegible] 11 8 38 10 marcii
secundum dierum [illegible] 11 0 28 18 marcii

Anno domini 1421 completo introitus solis in arietem ad [illegible] dierum [illegible] 11 2 38 44 marcii
dierum [illegible] 11 2 42 12 marcii [illegible]

Item introitus solis [illegible] in arietem ad meridiem [illegible] anno domini 1400 dierum [illegible] 11 0 38 [illegible] marcii
secundum dierum [illegible] 11 8 42 21 marcii

Item anno domini 1421 introitus solis in arietem ad meridiem [illegible] 11 2 48 41 dierum [illegible] marcii [illegible] 11 2 16 44 dierum [illegible] marcii

Item introitus solis in arietem ad meridiem [illegible] anno domini 1422 completo dierum [illegible] 11 8 38 3 [illegible]
11 8 46 11

Hic introitus solis in ariete anno domini 1400 [illegible] fuit iste 46 49 26

Item hic introitus solis in arietem anno domini 1421 completo [illegible] fuit iste 130 40 32

Hic introitus solis in ariete anno domini 1422 completo [illegible] fuit iste 11 49 38 ~~24 et 49 38~~

[illegible]

[illegible]

Medii motus planetarum et argumenta media ad initium anni incarnacionis 1422 sexti ad finem 21

	s	g	m	2	3	4
Motus octave spere	1	12	41	21	40	34
Motus augium et stellarum fixarum	0	10	26	23	18	2
Medius motus solis	4	48	29	0	37	0
Medius motus lune	0	14	20	41	0	10
Medius motus argumenti lune	3	28	30	44	1	11
Medius motus argumenti latitudinis lune	3	40	37	49	31	0
Medius motus capitis draconis	3	36	14	18	30	42
Medius motus Saturni	2	49	23	42	22	40
Medius motus Jovis	2	4	14	21	42	10
Medius motus Martis	4	3	1	14	19	29

Medius motus capitis draconis 4 24 1213

2 28 6 47

Productum per omnes minuta

Subtrahendo a 12 signis remanet medium quantum
s	g	m	2	3
7	47	41	11	13

Residuum per subtractionem a 12 signis
17 8 48 41

Media coniunctio 31 die 1822
11 49 aprilis

Summa temporis 31 4 49 11 12
Media oppositio 4 11 die 8 28 2

Motus augium et stellarum fixarum per radicem anni expositi 10 g 04
28 23 28

Motus accessus et recessus 8ue spere
6 12 11 21 40

Dies anni equationis equatus 2 11
18 m 2s 141 11 22

Summa et 2 ut medium ad quod media 13 minuta addita et sic
denominatio summa et 2 10 42
productum est multiplicando 10 8 18 2
et sic

Post 29 29 42 addita
equatio equacionis 13 a 2 sed summa
equata motus 8ue spere 8 37 13 30

Summa fixarum ad radicem anni perfecti
s	g	m	2	3
0	19	0	31	28

Summa solis ad annum perfectum
s	g	m	2
1	30	26	0	28

Ad [illegible] [illegible] [illegible] [illegible]
motus polis [illegible] 1422

[illegible] motus polis [illegible] [illegible]
[illegible] 48 29 0 34

[illegible] polis [illegible] [illegible]
1 30 26 0 28

[illegible] polis 3 6 18 3 0 7

[illegible] 41 34

[illegible] 0 43 44 et [illegible]

[illegible] [illegible] [illegible] [illegible] 2 9

[illegible] 28 12 9 [illegible]

[illegible] et 2 [illegible] [illegible] [illegible] [illegible]
[illegible] 3 0 7 [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] 3 8 1 et [illegible]
[illegible] 2 [illegible] [illegible] 3
[illegible] [illegible] [illegible] [illegible]
[illegible] 6 21 addenda
[illegible] [illegible] [illegible] [illegible]

[illegible] polis 0 44 41 [illegible]

[illegible] addenda [illegible] motus polis
[illegible] [illegible] polis 3 [illegible]

[illegible] [illegible] polis 4 49 10 42 2

Signa que [illegible] [illegible] [illegible] [illegible]
9 19 10 42 2

[illegible] [illegible] [illegible] motus [illegible] [illegible]
anni 1421 medius motus [illegible] 10 [illegible]
[illegible] [illegible]

[illegible] motus polis [illegible] 48 29 1

[illegible] [illegible] 4 11 43 40

[illegible] [illegible] 4 9 2

[illegible] [illegible] 2 [illegible] 2 12 [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible]
28

Anni	s	1	2	3	4	5	6	7	8
Tabula [illegible] [illegible] annis [illegible] diebus [illegible] et horis									
	20	12	5	26	12	20	37		
	10	6	2	43	6	10	11	30	
	8	4	50	10	28	56	14		
	4	2	27	5	14	28	7		
	2	1	12	32	37	14	3	30	
	1	0	36	16	18	37	1	47	
Menses									
	8	0	24	10	52	29	21	12	
	6	0	18	8	9	18	30	52	
	4	0	12	5	26	12	20	36	
	3	0	9	4	4	39	17	26	
	2	0	6	2	43	6	10	18	
	1	0	3	1	21	33	5	9	
Dies									
	17	0	1	30	40	46	32	37	
	8	0	0	44	20	23	16	11	
	4	0	0	22	40	11	38	8	
	1	0	0	5	40				
Hora									
	1	0	0	0	14	20			

2944

4340 [illegible]

8 13
52400

[illegible] et 2 [illegible] medio [illegible] 4340
[illegible] ad 2 26 40 [illegible]
[illegible] [illegible] 4 2 4 0 0 et [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] 2 [illegible] 14 33 20
[illegible] [illegible] 4 11 44 2 11 21
[illegible] [illegible] [illegible] 49 [illegible] 1
[illegible] [illegible] 2a [illegible] 60
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] 43 40
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] dicti

[illegible] motus proportionalis 3 [illegible]

Minuta proportionalia equata 19 [illegible] 8 [illegible]

[illegible] hanc equationem [illegible] 3 41 [illegible] 12

Equacio augisti prima 8 2 30

Equacio augisti 2 6 9 31 et 3 [illegible]

[illegible] 26 [illegible] 8 1

Minuta et 2 [illegible] augisti 28 12 reducenda

1692

Productum [illegible] 3 0 6 2 4 2 et [illegible]

Pars proportionalis 24 [illegible] 12 addenda

[illegible]

Equacio augisti primo equata 9 3 44

Semper diametri [illegible] 2 19

Semper diametri 2 corrupta 2 21 et 3 [illegible]

[illegible] 2

Productum [illegible] 2 3 8 9 et [illegible] 3 [illegible]

[illegible] 2 [illegible]

Pars proportionalis 46 29 2 semper [illegible]

Semper diametri equata 2 19 46

[illegible] semper [illegible] 8 3 9 6

Minuta proportionalia reducta ad 2 3 4 8 9

Productum [illegible] semper diametri [illegible]

[illegible] 3 0 0 9 1 2 6 9 et [illegible]

Pars proportionalis [illegible] semper diametri 2 19 18 49

Equacio augisti ultimo equata 6 23 49

Verus locus [illegible] [illegible] et oppositio adversus

[illegible] 0 [illegible] 20 49 4

[illegible]

[illegible] [illegible] capitis [illegible] ad [illegible]

Medium motum capitis [illegible]

9 29 21 13

Verus locus capitis [illegible] 13 4 38

[illegible] [illegible] ad [illegible]

[illegible] [illegible] 0 11 22 13

[illegible] [illegible] [illegible]

Saturni [illegible] 1 2 22 [illegible]

[illegible] Saturni [illegible] 2 4 9 3 3 22 23

[illegible] Saturni 9 12 27 1 9 3 2

Centrum [illegible] 9 21 9 22 41

[illegible] [illegible] 1 28 44 18 12

Equacio centri prima 6 9

Equacio centri 2 6 1 12 [illegible]

[illegible] 2 9 23

Minuta et 2 [illegible] [illegible] 3 [illegible]

[illegible] 26 46

Productum [illegible] 11 2 6 et [illegible] 3

Pars proportionalis 18 [illegible] [illegible]

[illegible] 2 [illegible]

Equacio centri 6 8 41 12 [illegible]

Centrum equatum 9 [illegible] 3 18 9 4

Minuta proportionalia

Pro coniunctione aspectu / luna anno 22 29 1378

Nunc pro coniunctione aspectu verum esse
temporis approximatum quadratum modo pro quo aspectu
collecti pro eius die 19 22 in complecti
3 16 28 et minus est 2 23 10 29
et hic tempus reductum ad 29 die mensis
Januarii eius propter vel

Productum per os minuta [illegible] ab eo
post et 30 gradus 1 19 23 43

Residuum ex [illegible] quadratum minuta modo elongatur
10 36 14

Tempus quadratum modo totum reductum aliter
tempus ad aliud tempus 2 23 10 29
diei [illegible] ad aliud tempus tamen totum reductum
12 11 39 vel tempus
29 12 11 39 Januarii

Medius motus solis ad eius 7 11 44 28 41
Augmentum solis ad eius tempus 1 30 26 36
Argumentum solis ~~1 30 26 43~~ 3 14 29 24 29
Pro aequatione solis 3 6 20 addenda
Equatio argumenti 1 38 10 addenda
Verus locus solis 1 19 33 39

Medius motus lune tempore modo quadratum aspectu
0 14 44 30 8 31
Centrum lune 3 6 ~~19 19 40~~ 8 2
Argumentum lune 18 41 44 46
Vera aequatio 6 0 2 3 4
Pro aequatione centri argumenti 27 44 30 addenda
Equatio argumenti cum [illegible] 4 44 8 2
Equatio argumenti dimidia dimidiata addenda
[illegible] vere lune pro argumento 3 39
3 sig [illegible] 4 33 2

Verus locus lune tempore quadratum modo
0 44 28 32

ponendo 3 sig aspectum [illegible]
solis vel lune est solis [illegible]
si sint [illegible] vero loco solis
vel lune [illegible] aspectum
et [illegible] solis vel lune
in [illegible] et si [illegible]
solis [illegible] sunt [illegible]
eius [illegible] compleo
[illegible] aspectum quod
quos si vero loco solis lune
[illegible] solis [illegible] et quod [illegible]
vel [illegible] solis vel lune [illegible]
~~[illegible]~~ minuta
tamen sunt ad [illegible] et
[illegible] [illegible]
[illegible] [illegible] sunt [illegible]
[illegible] et [illegible]
[illegible] aspectus [illegible]
[illegible]

Pro aequatione ad 6 0 27 [illegible]
[illegible] pro aequatione addenda [illegible]
aspectum [illegible] pro 2 [illegible]
[illegible] aspectus
pro aspectu 2 [illegible]
[illegible] aspectus vero loco solis
vel lune [illegible]

Vera [illegible] aspectum loci solis
10

Pro aequatione aspectum vero loco solis
8 4 2
addenda 33 ~~[illegible]~~

aspectum vero loci solis esse
12 0 4

Vera [illegible] aspectum lune
[illegible] 2

Pro aequatione addenda 29 31 8
Aspectum lune 1 3 6 31
Residuum [illegible] aspectum solis lune
aspectum [illegible] 91 6 20

residuum per festum quo quaeritur [illegible]
praeteritum 1 6 [illegible] 25

[illegible] pones loci lune per festum
praecedentem quem est mediae [illegible]
zodiaci 192 0 7

Notandum est quod [illegible]
[illegible]

22 [illegible] 60 [illegible]

[illegible] addenda [illegible]

[illegible]

[illegible] 1960 [illegible] 1 [illegible]

Medius motus solis ad [illegible]
diei per tempus [illegible]
7 14 45 28
Argumentum solis 3 24 30 27
[illegible] 26 38 20 addenda
Equatio argumenti 1 38 12 addenda
Verus locus solis [illegible]
[illegible] 19 32 40
Verus motus solis [illegible] diei 1 1
[illegible] 61

Notandum est quod [illegible]
[illegible]

[illegible] 32 28
[illegible]
[illegible] 18 19 14
[illegible]
[illegible] 32 27 14

Medius motus lune 8 9 4 22 9 12
Medius motus solis solis correctus [illegible]
[illegible] dierum [illegible] annorum motu solis
5 2 24 0 [illegible]
[illegible] motus solis [illegible] 14 13 1 9
Centrum [illegible] lune [illegible] 18 49 26
[illegible] 21 9 4 12 [illegible]
[illegible] centri 0 23 13 addenda
Argumentum lune equatum 18 96 30
[illegible] 60 [illegible]
[illegible] argumenti 20 [illegible]
Equacio argumenti [illegible] 9 43 49
Equacio argumenti [illegible] 4 49 32 49
addenda
Verus motus lune 8 44 44 9
Medius motus lune [illegible]
[illegible] verus locus [illegible] 4 9 4 3 44 4

Medius motus solis [illegible] 14 49 0 43
Centrum [illegible] lune 2 49 23 40
Argumentum [illegible] lune [illegible] 18 26 21
Equacio centri 0 18 23 addenda
Argumentum equatum 18 9 23 9
[illegible] argumenti 22 14 49 addenda
Equacio argumenti [illegible] 8 4 9 16
[illegible] 2 39
Equacio argumenti [illegible] 4 33 6 addenda
Verus locus lune 0 44 8 14
[illegible] lune [illegible] 13 28
[illegible] 12 14 [illegible]
[illegible] 1 9 4
[illegible] 3 8 9 4
[illegible]
[illegible] 4 10 24
[illegible]
[illegible] 9 6 [illegible] 2 4 Januarii
[illegible] 18 9 13 36

Medius motus solis correctus [illegible]
0 4 19 49

Medius motus solis correctus [illegible]
[illegible] dierum [illegible]
[illegible] annorum motu solis [illegible]
quadratura [illegible] 0 4 19 49
Medius [illegible] 8 [illegible]
[illegible] 14 40 13 46
Argumentum [illegible] 9 4 29 10 20
[illegible] argumenti 24 9 [illegible]
addenda
Equacio argumenti 1 38 2 addenda
[illegible] solis [illegible]
Verus locus solis [illegible]
1 19 28 16
Medius motus lune correctus [illegible]
[illegible]
[illegible] 1 10 8 9 4
Medius motus lune [illegible]
8 9 6 9 4 21 9 2
Centrum [illegible] lune [illegible]
2 14 40 16
Argumentum [illegible] lune correctus [illegible]
[illegible]
8 9 [illegible] 33 10
Argumentum [illegible] lune 8 14 96 11 96
[illegible] centri 18 27 12
Equacio centri addenda [illegible]
[illegible] 0 9 8 9 4
Argumentum lune equatum [illegible] 9 18 22 9 36
[illegible] 60
[illegible] argumenti addenda 19 2 2
Equacio argumenti [illegible] 9 43 42
[illegible] addenda
2 39
Equacio argumenti [illegible] 4 32 42
Verus locus lune [illegible] 8 4 18 19

[illegible] lune
[illegible]

[illegible]
[illegible] 8 10

13.
7

Pro argumentis aspectus eius loci sol
24 44 44
Aspectus proprius eius loci solis [illegible] 48
Pro argumentis aspectus eius loci
tunc addenda 18 32 [illegible]
Aspectus proprius eius loci lune 1[illegible]
[illegible] 32

Reperiam perfectum aspectus solis
ad aspectum lune 89 49 44
et quasi fuit [illegible] [illegible]
16 [illegible] [illegible]
[illegible] tempus [illegible]
[illegible] aspectus [illegible]
equari [illegible] parum [illegible]
[illegible]

Modo quere [illegible] veneris
et mercurii [illegible] medios
motus illorum duorum planetarum
ad annum [illegible] septembris anno
[illegible] 1421 [illegible]
[illegible] tempus [illegible]
illorum planetarum [illegible]
[illegible]
2 44 8 18

Medius motus veneris ad tempus
perfectum 2 48 14 4 39
Medius motus mercurii ad [illegible]
[illegible] 49 10 44 33
Longitudo mercurii [illegible] 46 41
[illegible]
[illegible] 4941 i
Eclipsis veneris [illegible]
[illegible]
[illegible] 1662
Tempus [illegible] longitudinem
[illegible] addendum ad tempus perfectum
21 [illegible] septembris
[illegible]

[illegible] 1 30 24 24 14 [illegible] 1 421
a [illegible] gradu ad tempus perfectum
[illegible] [illegible] mercurii et veneris
21 [illegible] 46 44 septembris [illegible]
2 48 14 4 39 23 44 [illegible]
Medius motus veneris [illegible] 11 36 26 6
[illegible] veneris 1 30 24 41 41
Centrum veneris 1 41 10 34
Argumentum medium veneris 0 12 44 1 8
[illegible] [illegible] equacio centri 87
[illegible] [illegible]
[illegible] [illegible]
[illegible] pro argumentis [illegible]
[illegible]
Pro argumentis 10 34 [illegible]
Equacio centri 2 8 7 49 49
Centrum [illegible] 1 39 1 44
Argumentum equatum 0 14 42 40
Pro argumentis [illegible] 1 44 [illegible]
[illegible] addenda
[illegible] argumenta [illegible] 11 2
[illegible] 24
Pro argumentis equacio argumenti 22 [illegible] addenda
Equacio argumenti [illegible] 6 33 1
[illegible] equata 0 4
Pro argumentis [illegible] 44 10 addenda
Equacio argumenti [illegible] 6 13 46 [illegible]
[illegible] equacio centri [illegible]
argumenti [illegible] 4 4 [illegible]
[illegible] veneris
Locus motus veneris [illegible]
[illegible]
6 14 4 33 [illegible]
Medius motus mercurii [illegible] 11 36 33 22
[illegible] mercurii 2 1 4 12 14 19 [illegible]
[illegible] mercurii [illegible] 0 14 12 10 34
Centrum medium mercurii 0 44 24 17 44
Argumentum medium mercurii 4 49 49 42 44

Pro porcione equacionis centri 2 29 42 addenda
bac[illegible]
Equacio centri 9 6 40 [illegible]
Centrum equatum 0 28 14 26
Argumentum equatum 8 9 6 33
Nota porcio 2 0 [illegible] longior
Pro porcione equacionis argumenti [illegible] 38 6
Equacio argumenti primo equata 3 38 [illegible]
Pro porcione diminucionis dyametri 7 13 22
Diminucio dyametri equata 0 12 13
Pro porcione diminucionis dyametri 8 8 20
[illegible] argumenti primo equati
[illegible] argumenti [illegible] equata 3 30 24 [illegible]
[illegible] argumenti [illegible]
equata [illegible] centri 4 30 24.
[illegible] motu planete [illegible]
[illegible] 6 6 0 8
Longitudo [illegible] 9 4 12 22
[illegible] 12 34 32 24
[illegible] 1 30 24 41 41
Centrum Veneris 1 42 9 42 38
Argumentum medium Veneris 0 13 21 0 34
[illegible] centri 2 8 7 [illegible]
Centrum equatum 1 40 1 42 38
Argumentum equatum 0 14 29 0 34
Pro porcione [illegible] 4 1 43 38
addenda
Nota porcio [illegible] 12 2 [illegible]
Pro porcione equacionis argumenti 13 4 24
addenda
Equacio argumenti primo equata 6 28 4
Diminucio dyametri [illegible] 0 4
Pro porcione diminucionis dyametri 1 0 16
addenda [illegible] argumenti primo equati
Equacio argumenti [illegible] equata 6 29 4 [illegible]
[illegible] centri [illegible]
argumenti [illegible] equata 2 21 4 [illegible]
[illegible] planete [illegible] argumento
[illegible] Veneris [illegible]
3 16 46 39 24 [illegible]

[illegible] medius motus [illegible]
[illegible] 3 12 8 0 1
Centrum medium [illegible] 0 14 44 42 26
Argumentum medium [illegible] 0 0 24 32 22
Pro porcione addenda 6 29 42
Equacio centri 9 10 30 [illegible]
Centrum equatum 0 18 42 12
Argumentum equatum 0 9 38 2
Nota porcio equacionis 2 0 longior
[illegible]
Pro porcione 12 37 32 addenda
Equacio argumenti primo equata
3 40 37 2 3 2
Pro porcione diminucionis dyametri 1 16 8
Diminucio dyametri 0 13 16
[illegible] 1 9 6
Pro porcione diminucionis dyametri 8 [illegible]
[illegible]
[illegible] argumenti [illegible]
Pro porcione diminucionis dyametri
Equacio argumenti [illegible] equata
[illegible] 21 22 [illegible]
[illegible] argumenti [illegible]
[illegible] centri 4 28 16 [illegible]
[illegible]
centri [illegible] equata [illegible]
[illegible] 3 6 13 [illegible]
[illegible]
[illegible]
[illegible]
[illegible] argumenti [illegible]
[illegible]
[illegible] 6 32 [illegible] 9
[illegible]
[illegible]
[illegible]
[illegible] 6 22 [illegible]
[illegible]
[illegible]
[illegible] 6
[illegible]

15.
8

[illegible] quorum [illegible] capta [illegible]
plus [illegible] 19 24 [illegible]
[illegible]
[illegible]
longitudo
Verus motus [illegible] 7 [illegible] 1 21 6
Verus motus argumenti [illegible]
[illegible]
[illegible]
39 6 [illegible] 36 9
longitudo 7 26 31 8 8 4
[illegible] 7 26 [illegible] 2 16 0
[illegible] longitudo [illegible]
16 9 1 [illegible]
[illegible] longitudo [illegible]
[illegible]
[illegible]
A 33 21 A Septembris
Medius motus [illegible]
3 19 3 10 24 [illegible]
[illegible] 1 30 24 42 21
[illegible] 1 [illegible] 31 [illegible]
[illegible] 0 11 27 27 40
Equatio centri [illegible] 4 [illegible]
Centrum equatum 1 26 32 [illegible]
[illegible] equatum 0 19 28 27 40
[illegible] 32 [illegible]
[illegible]
[illegible]
3 11 3 26 6 16 9 1 [illegible]
Medius motus [illegible] 3 24 31 33 12
[illegible] 1 30 24 43 12
Centrum [illegible] 1 [illegible] 10 32 42
[illegible] 0 22 [illegible] 26 22
[illegible] 10 32 42 [illegible]
Equatio centri 2 8 29 [illegible]
Centrum equatum 1 39 1 33 42
[illegible] 0 24 40 [illegible] 22
[illegible] 1 33 42 [illegible]
[illegible] 11 2 [illegible]
[illegible] 20 46 24

[illegible] 10 24 21 46
[illegible] 8 7
[illegible] 1 28 16 [illegible]
[illegible] 10 23 24 [illegible]
[illegible]
[illegible]
[illegible] 24
Verus motus [illegible]
3 24 26 8
Medius motus argumenti [illegible]
[illegible] 3 20 [illegible] 23 32
[illegible] 2 19 12 19 6
Centrum [illegible] 1 4 42 [illegible] 20
[illegible] 0 [illegible] 21 9 [illegible]
[illegible] 20 20 [illegible]
[illegible] 49 20 [illegible]
Equatio centri 0 44 42 [illegible] 26
Centrum [illegible] 0 11 26 29 [illegible]
[illegible] 42 [illegible] 26 [illegible]
[illegible] longitudo
[illegible]
[illegible] 2 [illegible]
[illegible] 10 36 [illegible]
[illegible] 6 44 36
[illegible] 26 39 [illegible]
[illegible] 23 26 [illegible]
[illegible] 12 46 2 3
[illegible] 6 21 10 [illegible]
[illegible]
[illegible]
3 11 10
Verus motus argumenti 3 16 [illegible] 33
[illegible]
Medius motus [illegible]
[illegible] 44 [illegible] 19 0
[illegible] 1 30 24 40 10
[illegible] 1 24 14 28 40
[illegible] 1 0 2 [illegible] 27 42
[illegible] 28 40
[illegible]
[illegible] 14 [illegible]
[illegible] 1 29 11 13 40

Argumentum centri 0 4 26 30 42
Pro [illegible] minuta [illegible] 11 13 40 —
[illegible] [illegible] minuta [illegible] addendo
Minuta proportionalia centri 4 1 [illegible] longior
Pro proportione equationis argumenti [illegible] 11 18 [illegible]
Equatio argumenti in eccentrico [illegible] 11 11
diversitas diametri centri 0 1
Pro proportione diversitatis diametri [illegible]
[illegible] [illegible] [illegible] 1 minuta [illegible]
diversitas diametri centri [illegible] minuta
[illegible] [illegible] [illegible] [illegible] centri
Equatio argumenti vera eccentrica 2 11 41
[illegible] [illegible] [illegible] centri [illegible] argumenti
[illegible] [illegible] [illegible] minuta 12 40
addenda
Verus motus [illegible] [illegible] [illegible] [illegible]
[illegible] 2 44 48 9 03
Medius motus augmenti [illegible] [illegible]
[illegible] 3 8 1 [illegible] 12
[illegible] [illegible] 2 19 12 16 9
XXVIIJ [illegible] [illegible] [illegible] 28 46 48
Argumentum [illegible] 4 42 32 34 28
Pro proportione [illegible] centri [illegible] 4 31 36
Equatio centri 8 2 1 32 [illegible]
[illegible] centri 0 20 41 44 8
Argumentum centri 0 0 34 4 38
Pro proportione [illegible] [illegible] [illegible]
41 44 8 [illegible] [illegible] minuta [illegible]
Minuta proportionalia centri 24 8 longior
Equatio argumenti in eccentrico 19 41
diversitas diametri centri 1 1 19 36
Pro proportione diversitatis diametri 44 28 12
[illegible] [illegible] [illegible] [illegible]
Equatio argumenti vera eccentrica 13 46
[illegible] [illegible] [illegible] argumenti [illegible]
centri [illegible] [illegible] 40 36 [illegible]
[illegible]
Verus locus 2 44 18 4
[illegible] 36 2 [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] verus locus [illegible] [illegible]
[illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] 1922 [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] 0 8 2 1
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] 0 8 23 16
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] 8 12 14 20
[illegible] [illegible] [illegible] 11 20
Pro proportione [illegible] 29 22 0 [illegible]
Equatio [illegible] [illegible] [illegible] 8 32 13
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] verus [illegible] [illegible] 30 12
[illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
8 1 19 24
Argumentum [illegible] [illegible] et [illegible]
[illegible] et [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
8 1 22 41
Verus locus [illegible] [illegible] 8
0 8 22 41
Verus locus [illegible] 0 23 22 41
Verus locus [illegible] [illegible] [illegible] [illegible]
21 22 41

Tempus reductum ad 9 3 21
Coniunctio media quarte anni 1429ti
suppletum ad 26 diem inclusiue mensis
Junij P
2. 24 21 28

Media coniunctio precessit solis Junij
26 24 41 48
Idem in horis 26 9 33 1 12

Medius motus solis et lune adiectis
1 33 40 48 23

Augis solis 1 30 24 33 adiectis

Argumentum solis 8 13 23 27 adiectis

Equatio primo recepta 0 24 43
Equatio secundo recepta 0 30 1
Dyameter inter duas eclipses 2 8
Idem in gradibus 1 28 ...

Equatio et 2 ad quibus non est [illegible]
in argumento 23 27 ad eandem
minutis reducta 19 07

Productum ex multiplicatione 1 1 98 0 9

Per proportionalem 9 9 41 20 addenda

Equatio argumenti 0 28 33 a medio
motu subtrahenda per argumentum lune
... P

Verus locus solis tempore vere coniunctionis
1 9 3 22 7 11 23

Argumentum lune medium 3 36 28 9 23

Equatio argumenti prima 3 6 37

Equatio argumenti 2 3 10 40 et ...

Dyameter inter duas equationes 9 14
Idem in gradibus 2 44

Equatio et 2 ad quibus non est ... argumento
medio 48 47 in gradibus 2 9 21 [illegible]

Productum ex multiplicatione 1 9 7 8 1 7 9 2 77

Per proportionalem 3 21 11 14 addenda

Equatio argumenti 9 10 2 addenda

Verus locus lune tempore vere coniunctionis
1 9 1 0

Longitudo lune ... 12ma
3 38 97

Eadem longitudo in gradibus 19 1 27

Pars 12ma longitudinis ... reducta
18 12

Longitudo ... 12ma 3 46 29

Medietas longitudinis ... 12ma ...
... longitudinis 1 48 29 30

Argumentum lune equatum ad inveniendum motum
eius in una hora ... in uno ...
diei 3 37 40 16

Modus ad inveniendum motum solis et lune
in una hora ... in tabula
... argumentum
lune equatum ... longitudinis ... 12ma ...
... solis
et ... motus
... solis et lune in una hora
... in uno ... diei ... linea
... 6 ... et ...

[illegible marginal notes]

unum gradum signi et si eius pars
minuta sit motus solis vel lune
quam in directo invenies capias et
serva et post illud quod sequitur
si vero unum gradum pars minuta
vel forte quod cum gradibus aliquas
sumas tunc vero verum invenies
et motum quem invenies capias et
serva et deinde vero cum equari
et illud quod in directo invenies summas
capias quod diem tercius motus ad a ...
pro horam de qua dicta recepe ...
2 ... usque cum ... quo ad ...
aut ... ad 6 gradus quod facias hoc modo
reduc dies ad ... gradus ... 60
adhuc ... reduc ad ... gradus
... fuit ... vero fuit minuta
... 2 ... gradibus vel ... gradibus ...
quibus ... deinde ...
... et ... diligenter
... sit ... equationem ...
... 2 ... 2 ...
... 6 ... dies ...
... si quod ... dies ...
... minuta et in ... quotiens ...
... que ... ad ...
... et ... ad ...
... si 29 fuit ... vel ...
... si 29 fuit ... et ...
solis vel lune in una hora equatus ...
... diei ... si ...
... in ... tibi ...
si ... aliquid et si fuit ... que ...
... 6 ... pone ...
... quotiens si ...

Motus solis in una hora primo acceptus 13
... 12 gradibus ... solis 2 22 37
Motus solis in una hora acceptus 2°
13 ... gradibus 29 22 38
... gradus 23 minuta 24 20
... solis ... vero
... 28 7 0 0 7 ...

Equatio ... temporum ...
... 1 7 0 1 4 ...
... temporum ...
... 27 0 2 ...
... 22 ...
Motus solis equatus in una hora
2 22 36
... lune in gradibus ...
... 2 4 40 16
Motus lune in una hora ...
... 210 gradibus ...
lune 24 ... lune 36 13 21
... in una hora ...
2° ... 216 gradibus 34 ... 36 ...
... 79
... 16 31
... 461
... gradum 40 minuta 16 ...
... quibus ...
... 14 ... 16
...
... 16 ... 36 ...
... et ... 7
...
... 21 8 44 63
et ...
... 12 41 41
... 20
...
Motus lune equatus in una
hora 36 0 2
... equatio 33 38 6
... 3 ...
...
... 33 40 43

Circa quod notandum quod quando argumentum lune est plus quam 94 gradibus et minus 264 tunc luna est in inferiori parte sui epicicli quando autem argumentum lune fuerit minus quam 94 gradibus vel plus 264 gradibus tunc luna semper est in superiori parte sui epicicli etc.

Radix coniunctionis super annos domini 3 6 121293
Longitudo 181400

Tempus medium ... dies ... regule ... 6 29 32 sciendum ... medie coniunctionis in hora
Sed in anno ... 16 17 ... etc
... medie coniunctionis ... regula lune.

Tempus vere coniunctionis ... 26 3 13 21 ...
... 26 ... 8
... 3 33 ... motus ... dies regule ...

Medius motus solis tempore vere coniunctionis
1 93 32 48

Augmentum solis ... 1302 33

Argumentum solis 0 13 1 27
Equatio solis ... 8 21 43
Equatio solis 2 0 30 1
Dra 2 8 ... 1 2 8

Argumentum ... 2 ... augmentum ... 99 ...
... 1 21 ... 2 ...

Quantitas eclipsis 46 9 6 0 ...

... 17 29 ... addenda
... 2 ... fuit maior
Equatio argumenti 0 28 9 sciendum
... 1 ... 1 ...

Centrum motus solis tempore vere coniunctionis
1 13 6 29

Medius motus lune tempore ... 3
... regule ... 3 33 49 7
Sciendum quod regula fuit lune ...
motu lune

Medius motus lune tempore vere coniunctionis
1 90 11 2 18 sciendum

Medius motus solis 1 93 32 48
Centrum ... lune 4 43 27 6 36
Motus argumenti lune tempore ... sciendum ... argumento ... lune tempore ... coniunctionis 0 3 32 8 33
Argumentum ... lune tempore vere coniunctionis
3 33 16 36 40
... 12 ...
... 2 0 ... 9

Quantitas eclipsis 17 ... 0 ...
17 0 2 3 ...
... 3 3 3 sciendum
Equatio centri 0 48 23
... 0
Argumentum equatum 6 3 32 18 13 40

Equatio argumenti ... 0 2 43 23
... 2 2 28 41 ... 32
... 2 1 2

Quantitas eclipsis 2 9 1 4 6 8 ...

... 1 22 3 9 28 addenda

Equatio argumenti ... 2 4 0 17

Circa quod notandum quod ... equatio ... equationem ... in ... ... equatio argumenti ... ... argumenti ... ... equatio ... ...

Est in auge centri [illegible] equs
[illegible] [illegible] tunc [illegible] [illegible]
tota [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] in opposito
augis [illegible] equacionis [illegible] [illegible]

Verus locus lune tempore vere coniunctionis
1 23 41 17

Longitudo lune 26

Medius motus solis [illegible] tempore vere coniunctionis
1 23 37 41

[illegible] solis 0 13 8 42

[illegible]
[illegible] equacionis 6 4 7 12 [illegible]
[illegible] [illegible] 13 41 12 addenda
[illegible] solis 0 23 11 subtrahenda

Verus locus solis [illegible] [illegible] [illegible] diei
1 23 41 46

Medius motus lune [illegible] [illegible] [illegible]
tempore vere coniunctionis 1 20 [illegible] 30 [illegible]

Centrum lune [illegible] 7 13 18 30

Argumentum medium [illegible] [illegible] 3 33 29 [illegible]

[illegible] equacionis 2 6 1 9 0 [illegible]
[illegible] [illegible] 4 16 30 subtrahenda

Equacio centri 0 12 42

Argumentum equatum 3 32 37 41
[illegible] [illegible] 7 1 0 3 8 [illegible]
[illegible] [illegible] 2 38 26 24

Equacio argumenti [illegible] [illegible] [illegible]
2 41 29 addenda

[illegible] [illegible] [illegible]

Verus locus lune [illegible] diei 1 23 21 41

Motus solis [illegible] [illegible] diei 41

Motus verus lune [illegible] [illegible] [illegible] diei
14 26

Superacio 13 29 [illegible] 26 8 0 9

Tempus [illegible] [illegible] [illegible] [illegible]
[illegible] longitudo [illegible] 1 24

[illegible] [illegible] [illegible] [illegible] 46

Tempus [illegible] coniunctionis [illegible]
26 8 1 38 [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]
26 3 12 39 [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
1 24 [illegible] [illegible] [illegible] [illegible] [illegible]

Medius motus solis tempore [illegible]
coniunctionis 1 23 37 46 [illegible]

Argumentum solis [illegible] 0 13 41 23
[illegible] [illegible] 17 44 [illegible] addenda
Equacio argumenti 0 28 9 subtrahenda
[illegible] [illegible] [illegible] argumentum 13 8 [illegible]
[illegible] [illegible]

Verus locus solis tempore [illegible] [illegible]
1 23 6 42

Medius motus lune tempore [illegible]
coniunctionis 1 40 16 36 [illegible] [illegible]

Centrum medium lune 4 13 23 20

Argumentum medium lune 3 33 16 12

[illegible] [illegible] 3 30 8 subtrahenda

Equacio centri 0 18 30 subtrahenda
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] 0

Argumentum equatum 3 32 14 42

[illegible] [illegible] 1 20 44 24 addenda

Equacio argumenti latitudinis [illegible]

Equacio argumenti latitudinis [illegible]
[illegible] [illegible] [illegible] proporcionalis [illegible]
[illegible] equacio [illegible] dyametri [illegible]
[illegible] 2 40 11 [illegible]
[illegible] motus lune [illegible] argumenti
[illegible] [illegible] [illegible] [illegible] [illegible]
Verus locus lune tempore eclipsis
[illegible] 1 [illegible] 6 [illegible]

Locus solis 1 [illegible] 6 [illegible]

Per proporcionalibus [illegible] 20 21
[illegible]
Equacio [illegible] [illegible] [illegible]
[illegible] 3 24 [illegible]
Equacio [illegible] [illegible] [illegible]
[illegible] 13 [illegible] 39
Equacio [illegible] [illegible] [illegible]
[illegible] 34 A
Tempus eclipsis [illegible] [illegible]
[illegible] [illegible] [illegible]
26 8 34 [illegible] [illegible]
Tempus eclipsis [illegible] [illegible]
[illegible] [illegible] 26 3 26 18
Residuum motus capitis draconis
[illegible] [illegible] [illegible]
a [illegible] [illegible] [illegible]
[illegible] motus capitis draconis
[illegible] [illegible] [illegible] 0 41 1
Residuum motus [illegible] eclipsis
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] loca lune [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] 24 20
[illegible] [illegible] [illegible] loca [illegible]
[illegible] eclipsis [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] A 14 8

[illegible] eclipsis [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] 26 18
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] ad [illegible] [illegible] [illegible] et
[illegible] 1 22 [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] addita et [illegible] 26 [illegible] [illegible]
[illegible] 22 et [illegible] [illegible] [illegible]
[illegible] [illegible] proporcionalis [illegible] [illegible]
Per proporcionalibus [illegible] [illegible] addenda
[illegible] [illegible] [illegible] [illegible] 23 [illegible] 12
[illegible] et [illegible]
Per proporcionalibus [illegible] [illegible] [illegible]
[illegible] addenda 1 18 [illegible]
[illegible] [illegible] [illegible] [illegible] 18 16 19
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] (13 6 [illegible]
[illegible] [illegible] [illegible] [illegible] et 20 A 26
[illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] A 2 0 A
[illegible] [illegible] [illegible] [illegible] [illegible]
A 1 0 4 [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] 30 A 0 1 8 1 1 [illegible]
Per proporcionalibus [illegible] [illegible] [illegible] ad [illegible] 23 [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] loca
lune [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] 11 [illegible] [illegible]
[illegible] [illegible] lune [illegible]
[illegible] [illegible] 13 4 3 0 11 [illegible]
Per proporcionalibus [illegible] [illegible] [illegible]
[illegible] [illegible] lune [illegible] addenda [illegible]
3 [illegible] 30
[illegible] [illegible] [illegible] et [illegible] et loco
lune [illegible] [illegible] 24 14 [illegible] et [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] loco lune [illegible] 20 [illegible]
[illegible] eclipsis [illegible] [illegible] lune [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] lune [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] 18 9 et [illegible] 3 42 [illegible] 99
[illegible] [illegible] [illegible] [illegible]

0 14 A 23 [illegible] [illegible] [illegible] [illegible] 3 32 14 [illegible]

Pro minutis ad medium motum per diem hora addenda 33 [illegible]

motus per diem hora 2 22 36

Pro minutis ad [illegible] motum lune diem hora [illegible] 32 [illegible] subtrahenda

Verus motus lune ex hora 36 1 29

Superatio lune ex hora 33 [illegible] 19

Dimensio equationis 8 [illegible] 8 1 200

Superatio lune [illegible] 121 [illegible] 93

[illegible] [illegible] de [illegible] dimensionis applicationis

[illegible] 23 6 (addendum) [illegible]

[illegible] hore [illegible] quantitatis

[illegible] 92 [illegible] lune [illegible]

[illegible] 9 [illegible] lune

[illegible] 123 9 [illegible]

[illegible] hore [illegible] quantitatis [illegible]

dimensionis applicationis [illegible] 9 12

[illegible] [illegible] 9 12

[illegible] [illegible]

[illegible] [illegible] hore

Pro minutis 2 8 dimensionis applicationis

addenda [illegible] 28 12

Dimensio applicationis equata [illegible] luna

[illegible] 26 [illegible] 28

Pro minutis [illegible] dimensionis applicationis [illegible]

[illegible] 18 2 [illegible] addenda

Dimensio applicationis [illegible] 19

8 19

[illegible] dimensionis 8 9

[illegible] 2 [illegible] 8 9

[illegible]

[illegible] 9

[illegible] dimensionis 2 3 0

8 [illegible] 2 2 3 [illegible]

[illegible]

[illegible] 30 [illegible] 1 6 9 [illegible] 11 [illegible]

Pro minutis 3 33 [illegible] 3 [illegible] subtrahenda

a dimensione applicationis [illegible]

Dimensio equata [illegible] hore [illegible] loco

lune 30 [illegible] 4 [illegible]

[illegible] equata [illegible]

dimensionis applicationis [illegible] 11 [illegible]

Pro minutis de dimensionis applicationis equate

[illegible] 11 4 [illegible] addenda

Dimensio applicationis equata [illegible] hore [illegible]

hore et loco lune [illegible]

[illegible] 2 1 [illegible] 6 12

[illegible] 3 9 1 7 6 [illegible]

[illegible] horas [illegible] dimensionis

applicationis [illegible] 8 [illegible] 10 2

addenda [illegible] horas [illegible]

[illegible]

[illegible] lune

[illegible]

9 0

[illegible]

[illegible] equata [illegible]

hore et [illegible] dimensionis

applicationis [illegible] 28 19

[illegible] hore [illegible]

[illegible]

[illegible]

[illegible]

[illegible] hore

Pro minutis [illegible] applicationis dimensionis

applicationis [illegible] addenda

Dimensio applicationis 3 equata [illegible]

[illegible] loco lune [illegible]

[illegible]

[illegible]

[illegible] 93

Pro minutis dimensionis applicationis [illegible]

[illegible] 28 [illegible] addenda

Dimensio applicationis [illegible]

[illegible] dimensionis

8 [illegible] 1 [illegible] 2 [illegible]

[illegible] 2 [illegible] 9 [illegible]

Pro [illegible] minutis [illegible] minutis

[illegible] 3 [illegible] 3 [illegible] 4 [illegible]

[illegible] applicationis

[illegible]

Dimensio applicationis 3 [illegible]

[illegible] loco lune [illegible] 30 [illegible]

[illegible] equata [illegible]

233

Pro [illegible] applicationis [illegible]
[illegible] 1 [illegible]
[illegible] applicationis [illegible] equata [illegible]
et [illegible] 30 [illegible]
[illegible] 14

[illegible]

[illegible]

[illegible] 28 [illegible]

[illegible]

[illegible] 18 [illegible]

[illegible] 18 99
[illegible] 10 [illegible]
[illegible] 30
[illegible] 23 4 42 32 8 [illegible]
[illegible] 4 9 30 48 [illegible]
[illegible] 2 [illegible] 18 3 [illegible]
[illegible] 23 4 33 [illegible]
[illegible]
[illegible] applicationis
[illegible] 19 2 33 [illegible]
[illegible] applicationis [illegible]
[illegible] 30 [illegible]
[illegible]
[illegible]
24 4 42 [illegible]
[illegible] 31
[illegible] 6
[illegible]
[illegible]
[illegible] 186 [illegible]
[illegible] 1160
[illegible]
[illegible]
[illegible] 1 1 0 9 3 3 [illegible]
[illegible]
[illegible] 29 [illegible]
[illegible]
[illegible]
[illegible] 48 4 39 2
[illegible] 2919
[illegible] 68446
[illegible]
[illegible]
[illegible] 4 4 2 9 6 4
[illegible]
[illegible] 44 24 29 24
[illegible] 130029
[illegible]
[illegible] 24 961303 [illegible]

Vera et plus fracciones temporis horarum de duplici apposite [illegible] 1 24 3.
Medius motus capitis draconis de [illegible] addendus [illegible] ad [illegible] medius motus lune de

Motus lune in hora de duplici apposita [illegible]
29 m 11 2 28 3 3 2 41 4

Tempus medie eclipsis [illegible] 26 [illegible] 19 [illegible]
Verus locus solis tempore medie eclipsis 1 9 3 8 9 3
Verus locus lune tempore medie eclipsis 1 9 3 36
[illegible] lune [illegible] medie eclipsis 3 32 96 49

[illegible] et [illegible] lune [illegible] hore de duplici apposite [illegible] [illegible]
[illegible] lune [illegible]
[illegible] lune [illegible]
[illegible] lune [illegible] 3 2 6 [illegible]

[illegible] lune [illegible] de duplici apposite [illegible] addendus [illegible] lune [illegible] [illegible] 9 0 [illegible] 28
[illegible] lune [illegible] 0 A 16 [illegible]
[illegible] lune [illegible] lune 4 m 11 2
[illegible] addenda 9 [illegible] 11 [illegible] A
[illegible] lune 0 [illegible] 23 [illegible] 1
[illegible] A 0 [illegible] eclipsis [illegible] lune [illegible] 16 [illegible] eclipsis [illegible] lune [illegible]
[illegible] medie eclipsis [illegible] eclipsis [illegible] [illegible] [illegible]
[illegible] lune [illegible] addenda 91 [illegible]
[illegible] lune [illegible] hore [illegible] lune [illegible] 97

[illegible] lune in hora de duplici apposita [illegible] lune [illegible] 26 [illegible]
[illegible] lune [illegible] 91 [illegible]
[illegible] lune [illegible] 34 [illegible]
[illegible] lune de duplici apposita [illegible]
[illegible] 1 [illegible] 8 [illegible] addenda
duplici apposite [illegible] lune [illegible]
[illegible] lune [illegible] [illegible] lune [illegible]
[illegible] 6 [illegible] duplici [illegible] lune
[illegible] addenda 6 [illegible]
duplici apposite [illegible] lune [illegible] 3 [illegible]
[illegible] hore [illegible] lune [illegible]
lune [illegible] medie eclipsis A [illegible]
[illegible] lune [illegible] 4 8 0 9 A [illegible]
[illegible] A 1 0 [illegible] A [illegible]
[illegible] A 9 96 [illegible]
[illegible] lune [illegible] 8 8 19 33
[illegible] 6 [illegible] duplici apposite lune [illegible] 11 [illegible]
[illegible] duplici apposite [illegible] 11 [illegible] 9 [illegible]
[illegible] duplici apposite [illegible]
duplici apposite [illegible]
[illegible]

[illegible]
17 36 [illegible]

Tempus est mensura motus ut vult Aristoteles 4° physicorum. Cum igitur motus primi desideramus
notitiam, est nobis tempus propositum ut cognito tempore quantitatem continuitatis motus et cursus certitudinem
cognoscamus. Est autem sciendum quod in diminutione temporis et apud tabulas illustris regis Alfonsi
intendimus uno physico scilicet per minutias physicas sexagenarias ut dicto tempore diminuti physice conduceat
[illegible] cum magistro dum integra et in collatione fuerit 60 gradus ponitur primis
unum signum physicum in istis tabulis. Et similiter cum gradus in 60 minuta et unum minuta
in 60 secunda etc. Et sic tempus physice producimus incipiendo a diebus tamquam ab integris et diem in 60 producimus
[illegible] est in gradibus scilicet in colligendo et frangendo. Colligimus enim dies ab uno usque ad
60 dies et vocamus dies prima, et cum collecta fuerint 60 prima ponimus pro eis unitatem et vocamus eam secunda
pro eis 60 ponitur unum et ut [illegible] dicitur quod quolibet 60 [illegible] ponimus unitatem et vocamus ita tertia quae
ibi colliguntur. Et cum pervenerint 60 secunda pro eis ponimus unitatem et vocamus eam tertia, et colligimus usque ad 60
quibus etiam ponitur unitas et vocamus eam quarta. Dividimus autem quod dies vocatur prima et 60 prima faciunt unum secundum
et 60 secunda faciunt unum tertium, et 60 tertia faciunt unum quartum ultra quarta [illegible] procedimus, quia non indigemus quia tenet
lineas quae 3 [illegible] anni [illegible] 60 secunda [illegible]. Pro quo dies qui inveniuntur in istis tabulis
sunt dies completi sicut et alia quae inveniuntur in istis tabulis sunt completa. In frangendo autem tempus [illegible]
[illegible] quod dies sexagenarii dividimus in die in 60 partes equales quas vocamus minuta, et quodlibet minutum
in 60 secunda etc. quod [illegible] autem distinctio temporis et motus quoniam adinvenimus motus [illegible] non
distinctus motus sit per 60, [illegible] cum in primo quod [illegible] placita motus in die per unum gradum integrum
[illegible] quod in 60 diebus motus per unum signum integrum [illegible] sicut sexagesima pars signi [illegible]

Numerum annorum incipiendo et dierum incipientium [illegible] anno [illegible] nobis note ad [illegible]
[illegible] tabulis reducere volueris in annos completos [illegible] completorum per 365 et [illegible]
[illegible] etc. annos completos [illegible] si sic volueris
divide in annos per 4 et [illegible] quae [illegible] et [illegible] quod in dividendo annos
completos per 4 [illegible] totus numerus [illegible] a anno bissextili, quando si [illegible] divide remanserit
1 vel 2 vel 3 [illegible] bissextile, et [illegible] erunt dies in [illegible] diebus
adde dies incipiendo anni [illegible] si aliquos menses vel annos completos habueris, et dies [illegible]
in [illegible] si ad dies vel menses completos [illegible] et [illegible] erit [illegible] dierum [illegible]
[illegible] a qua incepisti usque ad [illegible] tunc [illegible] divide numerum dierum
[illegible] per 60 et illud quod remanserit pone in loco primorum quia sunt dies [illegible] qui
[illegible] per [illegible] divide per 60 et quod remanserit pone in loco 2orum, deinde divide
iterum [illegible] per [illegible] divide pone in loco [illegible], et tunc sufficit, quia tunc non procedimus
ultra [illegible] multa milia annorum

Numerum annorum incipiendo et dierum completorum ad [illegible] per tabulas ad hoc factas
reducere, [illegible] annos annorum completorum in tabulas [illegible] annos volueris
reducere [illegible] annos arabum [illegible] tabularum [illegible] annos arabum
[illegible] annos [illegible] tabula [illegible] tabula [illegible]
[illegible] tabularum [illegible] annorum completorum in linea prima [illegible]
[illegible] annorum collectorum. Et si [illegible] annorum [illegible] poteris invenire [illegible]
in [illegible] non poteris invenire [illegible]
[illegible] in plus vel in tabula, deinde [illegible]
annorum in eadem tabula si [illegible] non invenies
[illegible] ibi [illegible]
[illegible] deinde [illegible] sicut prius [illegible]
[illegible], Est [illegible] quod sunt due tabule ad annos [illegible] annos

collectis. Et ea que dicta sunt annis expansis / Dicatur autem anni collecti in tabula augmentum vel per
singulas annorum scilicet 20 vel 40 vel 100 vel 1000 scilicet que in tabulis [illegible] dicuntur quia extendunt
per singulas annorum / Item si habeas aliquos menses vel annos completos intra
[illegible] annos istorum accipe in tabulis mensium et quod inveneris in directo scribe sub illis [illegible]
secundum quod convenit / Et scias quod in tabulis [illegible] annis bisextilibus [illegible] accipe [illegible]
bis / [illegible] mensis accipe [illegible] annis bisextilibus et in [illegible] anno bisextili Et
[illegible] intrare tabulas accipe [illegible] bisextilis [illegible] aut in superiori [illegible] accipe [illegible]
aut [illegible] bisextili et [illegible] loco bisexti aut tabularum [illegible]
[illegible] adde omnia [illegible] in algorismo de minutiis [illegible] Et ut plenius
pateat dico pono quod volo reducere annos menses et dies qui [illegible] usque ad [illegible]
[illegible] ad [illegible] Est autem [illegible] dies completa annorum [illegible] anno 1320 [illegible]
[illegible] invenio mille et inveneris [illegible] et 2 [illegible] 30 [illegible]
[illegible] ut plenius et remanet 320 quos [illegible] linea annorum
collectorum [illegible] invenio [illegible] invenio 900 annos et in [illegible] invenio in directo
[illegible] 30 3 26 [illegible] et remanent 20 annos [illegible] linea annorum collectorum
[illegible] invenio [illegible] 20 annis et
et [illegible] in directo [illegible] 3 [illegible] 27 [illegible] et remanent [illegible] quos [illegible] linea et
[illegible] in directo 0 3 36 2 31 [illegible] et remanent [illegible] menses [illegible] tabularum [illegible]
et est [illegible] in [illegible] 3 2 [illegible] et remanent duos dies qui sunt
2 [illegible] et pono [illegible] Et [illegible] omnia [illegible] dicitur [illegible] secundum quod [illegible]
sunt [illegible] Et [illegible] ostendit [illegible] 3 2 [illegible] [illegible]

et 6 menses et duo
dies [illegible]
[illegible] annorum [illegible]
in tabulis [illegible] annis
[illegible] invenio
in linea annorum
collectorum 1326

Cognito [illegible] 3 2 1 [illegible] [illegible] aliqua etc [illegible]
[illegible] 3 2 1 [illegible] aliqua etc [illegible]
[illegible] in tabula [illegible] ad aliud que est [illegible]
[illegible] 3 2 [illegible] sunt [illegible]
[illegible] ista [illegible]
[illegible]
[illegible] qua cognita si [illegible]
[illegible] 3 2 [illegible] in tabula [illegible] que [illegible] ad
3 2 1 que [illegible] [illegible] ille [illegible]
[illegible] et [illegible] tibi [illegible] 3 2 1 [illegible]
[illegible] ad [illegible]
[illegible] 3 2 [illegible] ad [illegible] ad 2
dies Julii et [illegible] 21 [illegible] completi [illegible]
et [illegible] 3 34 2 [illegible] ad [illegible] 3 2 1
[illegible] 3 2 1 [illegible] ad [illegible]
[illegible] in tabula [illegible] 3 2 1 [illegible] ad [illegible] et
[illegible] 3 [illegible] 2 2 39 [illegible]
[illegible] ad [illegible] 3 2 1 que [illegible] et [illegible]
1 [illegible] 293 [illegible] 2 [illegible] 3 [illegible] 90 [illegible] ad
[illegible] sunt [illegible] 3 2 [illegible] sicut vides

Quotiens ets 3 2 fuit inter annos incipiendo et dicens in tempus [illegible]
inveniri a 3 quarto 2 capitulo inter [illegible] 3 2 [illegible] in tabulam
appellatam annis illis quos sunt despositis que ei in [illegible] lineis
sequentibus [illegible] lineam et si inveneris annos istos sparsim inveneris
in diversis [illegible] annos eis correspondentes ubi autem 3 2 1 [illegible] sparsim
inveneris quos annorum [illegible] in tabula et ipsum scribe [illegible] aliis [illegible]
scriptis quem scribe ei [illegible] 3 2 1 quae [illegible] et [illegible] residuis in
tabula et inter annos [illegible] inventis scribe [illegible]
[illegible] residuis et [illegible] inter istam tabulam [illegible] annos [illegible]
[illegible] tota [illegible] quantitatem quantitatem
[illegible] 3 2 1 [illegible] in tabulam
[illegible] tabularum [illegible] capituli [illegible]
capitulo [illegible]
[illegible] capitulo [illegible] 3 2 1 [illegible]
[illegible] capitulo [illegible]
[illegible] in [illegible] aliis etc.

Item si volueris aliquid vel [illegible] dici [illegible] tabulam ad [illegible]
inveniri [illegible] 3 primo [illegible] nota [illegible] in [illegible] feria
[illegible] inveniri [illegible] aliquid [illegible] vel [illegible] dici aliquid
[illegible] inveniri qua feria incipit vel incipit [illegible] in [illegible]
[illegible] inveniri [illegible] totum tempus [illegible]
[illegible] ad illam [illegible] vel [illegible]
[illegible] 3 2 1 [illegible] et 2 [illegible]
[illegible] tabulam [illegible]
in linea que intitulatur [illegible] tabulam
[illegible] in linea que intitulatur
[illegible] tabulam
[illegible] in linea [illegible] intitulatur
[illegible]
[illegible] in linea que intitulatur [illegible]
[illegible]
[illegible] et [illegible]
[illegible] et illud [illegible]
[illegible] ubi [illegible]
[illegible] etc.

Si vis [illegible] et [illegible] et aliarum fractionum ad
[illegible] et aliarum fractionum [illegible] tabulas ad [illegible] fractas
[illegible] tabulam [illegible] tabula [illegible]
[illegible] et 2 [illegible] et [illegible] in linea [illegible]
que intitulatur [illegible] et [illegible] et 2 que [illegible] inveneris scribe
[illegible] in tabulam [illegible] intitulatur tabula ad [illegible]
[illegible] et [illegible] fractionum [illegible] et [illegible] fractionum et
[illegible] in lineis [illegible] et illud [illegible]

in prima linea post lineam numeri sunt minuta dierum et in secundo 2 et post
ea 3 secunda et sic descendendo. Item si horas et horas sunt tunc eas
tabulam in linea numeri et sic illud quod inveneris in prima linea post eas
et secunda et sic post tercia. ... computatur eo quod ibi denominatur sunt 2 dies
Quia tunc intratur cum minutis horarum in prima linea sunt 2 dies. Si vero intratur
cum 26 horis in prima linea sunt 2 dies. Similiter vero si quia sic intratur
horas ad minuta dierum sic secundum horas in hac ad unum diem 12 horas minuta et sic minuta
puncta sexagesimalia. Item scias addere quia admuncie ... denominacio
algarismi de minutis et secundum prius additio praecedat aut ... cum ... 2 arte
et tercia ... et horarum minuta et 26 equivalencia et 2
... tabule sunt ut ... equaliter ... post aliquid dierum
... que per ... instructor ... vel ... forma posset
... distinguatur vel dividantur in ... secundum in minuta dierum.

Minuta dierum et 2 et 3 ... ad horas et minuta horarum ad 2 3 ...
... et ... celi ... Quia ... in motu dierum in linea
... in tabula que ... tabula ad ... horas et horas ...
et ... que ... in prima linea ... et ... horas ...
... minuta ... ut ... 26 dies ... minuta horarum ...
tabula et ... que ... in prima linea sunt minuta horarum et post ea
secunda ... et ... post ... Quando ... 2 dies
si horas 3 et quod inveneris in prima linea sunt 2 horas. Item ... ea
... post ... 2 ... minuta ... in ... sunt
tempora ... Quando scias addere dierum adimbit et invenies
illud quod queris. Item tabulas ... sunt ut ... aliqua questione
vel eclipsi ... tabulas ... minuta dierum ... horas ut ...
... horas et minuta horarum minuta dierum et ...
... ut ... illud ... instructo que ... horas ... sunt possem
observare etc.

Quia vero ... radix ... radix tabule motus ... tabule
declaratur. Sciendum quod ... radix ... motus ... aliud ...
radix ... in tabula radicum ... radix ... 3 ...
38 ... 21 minuta 0 2a 24 3 28 4 ... secundum dies ... minuta
in zodiaco incipiendo computacionis ab ariete ubi sunt motus ... tempore
in meridie ... dei ... in principio Januarii ... motus ... omnibus
motibus medius. Item radix ... ... argumenti loci in epiciclo
... distantia ... planete ab ... augis medii epicicli in ... aliqua
... radix ... in tabula radicum argumenti lune radix ...
... 3 signa 19 3 ... in principio Januarii
ut dixi distancia centri lune ab auge media sunt tamen ... medius
motus ... ab ... signorum ... argumenti medii computantur
ab auge media epicicli etc. ... loca

Revolucionis annorum mundi vel nativitatis alicuius vel etiam incepcionis rei
sunt principia in horis et fractionibus horarum equalium ad tempus sciendum. Ubi habemus
sciendum quod revolucio anni est revolucio solis ab eodem puncto in eundem vel ad idem
solis signum principium in quo fuit in principio illius anni precise. Nota quod revolucio
annorum mundi est in introitu solis in primum punctum arietis. Revolucio alicuius nativitatis
est reditus solis ad eundem punctum in quo fuit hora nativitatis. Revolucio
annorum alicuius rei incepte sicut principium fundacionis alicuius ville vel castri
vel edificii est revolucio solis vel reditus ad eundem punctum vel locum in quo fuit
in principio fundacionis [illegible] quod ponebatur [illegible] tempus. Sed igitur habere
revolucionem annorum mundi scias primo introitum solis in arietem in [illegible]
in aliquo anno tibi noto perfecto usque [illegible] motuum [illegible] post
et illud tempus [illegible] tabula [illegible] radice tene. Si vis igitur revolucionem
annorum volueris [illegible] [illegible] sit in radice tua usque ad
[illegible] que intitulatur [illegible] volueris et [illegible] annorum sunt.
Tabula revolucionum annorum in perfectis (?) fractionibus
et tunc [illegible] horarum et [illegible] que [illegible] [illegible] addi
in horis [illegible] et 2° que [illegible] in radice tua et si [illegible] addicioni horarum
addiderit [illegible] plures hore quam 24 [illegible] [illegible]
in diebus et illud quod post addicionem [illegible] [illegible] [illegible]
[illegible] horas [illegible]. Et si [illegible] [illegible] solis in [illegible]
hora [illegible] [illegible] quam [illegible] [illegible]. Revolucionem vel annorum
vel nativitatis vel etiam alicuius rei [illegible] [illegible] vel horarum
et [illegible] [illegible] [illegible] et illud tempus pro radice tene
et [illegible] [illegible] [illegible] sicut dixi [illegible] [illegible] in [illegible]
[illegible] [illegible] et [illegible] [illegible] si sunt [illegible] et [illegible]
[illegible] [illegible] revolucio [illegible] in [illegible] hora dici [illegible] sicut dixi

Revolucionem annorum [illegible] ad [illegible] [illegible]. Ubi habemus
sciendum quod revolucio [illegible] aliud quam [illegible] habemus
[illegible] [illegible] qui [illegible] in [illegible] in [illegible] [illegible] revolucio
[illegible] sunt completa. Et igitur dico quod ista [illegible] [illegible] [illegible] [illegible] qui
[illegible] [illegible] [illegible] sed [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] sunt principales [illegible]
que [illegible] in [illegible] revolucionis annorum in [illegible] fractionibus sunt [illegible]
Sed igitur [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] nota [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
et 2° que sunt [illegible] in [illegible] usque ad punctum [illegible] qui [illegible] [illegible]

Capricorni quarti quotus et in illarum quadrante tenet. || Cum igitur gradum ascendentis
precedentem in revolutione alicuius anni scire volueris cum tamen ascendens qui
fuit alicuius radicis tunc inveneris ad 5 anni anni ascendente quod continent
in tabula que intitulatur tabula revolucionum ascendentium et cum gradum
que inveneris intra tabulam et invenies gradum et 2 cum proveniunt plures quam 36
gradus 36 gradus remanent in 30 et residuum signa quem illa tabula gradus ascendens
que est in oriente in ista revolucione || Signa vero et 30 gradus et partes in oriente
invenies in tabulis ascensionum signorum vel per castellaniam et partes declinatur
est minus longum || Cum autem tu ante gradum inveneris ad tabulas
ascensionum vel medium septimi climatis et que sunt duas tabulas et
quod fuit alicuius temporis sinistra in prima linea illius gradus est signa
et late quod sit super hoc supra et hoc est ascendens etc.

Medium motum solis et lune et aliorum planetarum et argumenta
media lune veneris et mercurii || Sed motum accessus
et recessus octave spere et motum augium et stellarum
fixarum per tabulas ad hoc factas invenies || Preterea tamen
principes / principio alicuius erit tibi notum usque ad horam preteritam cum usque
ad [illegible] || Sic redduc horas et minuta dierum horarum cum
fecta semper super radicem illius motus quem sic desideras ad tempus
illius motus erit ad hoc opus tuum || Si queris medium motum
solis semper radice medii motus solis / et si opus ad aliorum
que radicem invenies || Si vero operari volueris ad alios
quos semper radicem eis equipollentem conversam || Cum radice est
sumpta in tabula vel alia via aut in tabulas sunt in tabulis illius
motus que quesita || Primo ad annos collectos, et quod invenies in linea que
intitulatur et sic per lineam tuam sunt signa, et in septem gradus
cum minuta 2 per ordinem scriptorum || Scribe igitur ea et per radicem sub
scripta scriptis sub signa signa sub signis gradus sub gradibus 2 conponere etc.
|| Deinde intra cum annis 2 in eadem tabula et quod invenies in linea
que intitulatur tua sunt signa sub ea gradus 2 ordine || Scribe ea et
sub aliis sub scriptis quod sub sua signa || Deinde intra cum 2 et quod invenies
in linea que intitulatur secunda sunt signa etc. semper ea sub aliis
sub scriptis 2 modo sub dierum || Deinde intra cum eisdem et quod invenies
in linea que intitulatur signa sunt signa et semper gradus etc. per ordinem
scribe ea ordine conpletis || Cum scita sunt tabulis minuta dierum intra cum
eis in tabulis eandem que intitulatur linea linea tua et quod invenies
in prima linea sunt gradus etc. per ordinem || Deinde intra cum 2 diem in

cum de tabulis sit exiens et quod inveneris in prima linea sunt minuta
2a [illegible] et alia sunt ut in [illegible] plus [illegible] 2a facies sic ubi [illegible]
[illegible] fractiones || Hinc cum fracta [illegible] cum [illegible] residuum [illegible]
[illegible] inferiori [illegible] tabule || Quo facto adde omnia ad invicem
a [illegible] fractione et quodcumque ex additione excreverit de
[illegible] de omnibus [illegible] scilicet [illegible] in loco fractionis immediate superioris
et illo modo [illegible] scilicet in istis tabulis usque ad signa [illegible] de
[illegible] signa et [illegible] signa [illegible] revolutionem et si
ex additione signorum plura signa quam [illegible] sexaginta [illegible] quotiens
[illegible] poterunt et residuum [illegible] scilicet illud quod quere in figura
[illegible] || [illegible] scilicet quod radices posite in istis tabulis sunt posite ad
meridianum toletanum || Si vero ad meridianum [illegible] volueris medios
motus et alios [illegible] [illegible] || [illegible] tua sit orientalior
vel occidentalior et [illegible] tempore quo motum quem volueris
[illegible] a motu [illegible] si civitas tua sit orientalior vel adde si
sit occidentalior. Et quod ex additione vel subtractione [illegible] erit motus
quem quere [illegible] || Scias tamen quod illud opus
poteris abbreviare [illegible] omnes radices ad meridianum tuum
[illegible] ad [illegible] tibi [illegible] || Scias quod poteris
in principio [illegible] medios motus et [illegible]
et ponere in una tabula et [illegible] illa [illegible] et [illegible]
[illegible] [illegible] illud cum [illegible]
[illegible] 2us [illegible] sic forte [illegible] 2a [illegible] sic forte [illegible]
minuta et [illegible]

Tempus quesite medie coniunctionis et oppositionis medie et quadrature medie
solis et lune ex tabulis [illegible] || [illegible]
[illegible] [illegible] [illegible] quam extimas quesitam vel oppositionem vel
ad quadraturam mediam [illegible] ad [illegible] 1 2a doctrinam [illegible]
|| Quo facto [illegible] motus 2a [illegible] quesitam [illegible] || Quo facto [illegible]
[illegible] in tabula elongationis medie solis et lune [illegible]
[illegible] [illegible] scilicet in mediis motibus || Et [illegible] omnes [illegible]
[illegible] et omnes [illegible] [illegible] signa [illegible]
tempore scilicet media [illegible] [illegible] || Si vero [illegible] 3 signa
[illegible] in [illegible] tempore scilicet media oppositio || Si vero [illegible] 3a [illegible]
in eodem tempore scilicet quadratura media / et [illegible] media quesita [illegible]

Luna mediorum motuum sit in eodem loco zodiaci. Media vero oppositio dicitur
quando sunt in locis oppositis. Quadratura media quando distat per quartam partem
circuli scilicet per 3 signa completa et 30 gradus vel 2 quarta quod unum est. Si
vero non continent 6 signa vel 3 vel 9 et 30 gradus compare scilicet
si volueris invenire quantitatem subtrahe illud quod continent de 6 signis
et residuum serva. Si autem oppositionem subtrahe illud quod continent de 12
signis et residuum serva. Si vero quadraturam mediam subtrahe illud
quod continent alterius signo et 30 gradus et residuum serva. Deinde scias
quod illud residuum in tabula vide elongationis. Si fuerit aliqua
signa quere ea in prima linea et per lineam unum et si compare tot
signorum graduum vel non inveneris tunc accipe minorem propinquiorem
et videlicet scripturam inventam in linea unum [illegible] et sunt dies
et serva eas deinde subtrahe illud quod accepisti in tabula [illegible] signa gradus
unde tota que habebant scilicet a signis gradibus vel et serva residuum
pro quo in tabulam eandem si sunt gradus in residuo quere eos in prima
linea per lineam unum et si ibi eos inveneris illud quod scriptum est
in linea unum sunt minuta diei [illegible] per dies per [illegible]. Si
non fuerint tot gradus quod non potest in prima linea inveniri tunc
quere eos in 2 linea in illa parte ubi minuta scilicet in prima linea vel accipe
ibi minorem propinquiorem et tunc illud quod est scriptum in linea unum sunt dies
serva eas [illegible] per scriptum deinde si aliquid fuerit residuum
subtrahe illud minus ~~accepto~~ [illegible] et illud [illegible] quere in eadem tabula
et si in residuo fuerint minuta et inveneris ea in prima linea tunc illud
quod scriptum est in linea unum sunt 2 diei. Si autem tot sunt minuta quod
in prima linea non potest inveniri tunc quere ea in 2 linea in ista
parte in qua minuta scilicet in prima linea tunc illud quod scriptum est in linea
unum sunt minuta diei et istas [illegible] [illegible] tabula [illegible]
et [illegible] tota [illegible] et scilicet hoc [illegible]
[illegible] in tabula [illegible] cum [illegible] 2 1 et [illegible]
quod dies [illegible] sunt completi [illegible] [illegible]
et hore sunt complete [illegible] cum [illegible] et [illegible] que
in tabulis [illegible] sunt completa [illegible] dies et minuta diei et
totas [illegible] quas invenisti ~~[illegible]~~ [illegible] ad [illegible] [illegible]
[illegible] mediam elongationem et quod per ad[illegible] [illegible] cit [illegible]

quartarum vel oppositionum medie. Si non habita quartam volueris
invenire ... oppositionem ... quartam
... addes super tempus quartam. Si volueris
oppositionem ... super tempus ... volueris quartam
... 18 ...
... quartam ...
... quartam et oppositionem ...
... volueris ... quartam ...
... tempus ... quartam
quartam ... et ...
... et illud ... volueris ... et ...
... quartam ... dies ...
... quartam ...
... predicte ... volueris ... quartam
... et ... super ... 29 ...
... quartam ad aliam
et ... illud ... et ...
oppositionis ... volueris ... super tempus ... quartam ... tempus
... dies ... 44 ... 33 ...
quartam ... ad oppositionem vel ab oppositione ... ad quartam. Si non
volueris invenire quadraturas distantia ... motu lune a medio
motu solis ... super tempus ... dies
22 ... 41 ... 31 ... et habebis quadraturam primam
et adde ... super tempus oppositionis et habebis quadraturam secundam
et istos ... invenire ... oppositionem
... alternationem ... querendi ...
... eclipsis solis ... aliqua quarta vel eclipsis lune ...
opponi sit possibilis invenire ... lune
ad tempus ... Si ... possibilitatem eclipsis solis vel lune ... et
oppositionem. Si ... possibilitatem eclipsis solis lune et si ...
... signis et ... gradibus vel ... signa et ...
gradibus vel 2 signa et ... gradibus ... signa et ... gradibus
... eclipsium sunt possibiles. Si ... illos ... invenire
impossibiles ... eclipsis ... ad quartam 29 31 40 ... 31

... ad oppositionem 14 ... 41 ... 3 ...
... ad quadraturam ... 22 ... 31 ...

Nunc continuate tabulas motuum equalium ad ipsas faciendas
demonstro. Cum sit motus augium diei [illegible] [illegible] [illegible]
motum verum diei illius cum tabulis solutis corrige [illegible]
motus augium diei illius quod scriptum est in prima linea tabule [illegible]
in inferiori parte tabule. Cum dubitas de aliqua tabula utrum
sit bene scripta vide lineam in medio [illegible] [illegible] illam de qua [illegible]
dubitatur et ea scilicet quod duo [illegible] [illegible] motum verum diei [illegible]
primam lineam tabule adde [illegible] tunc illud quod provenit erit verus linee
de qua dubitas et si duas [illegible] [illegible] [illegible] dubitate de [illegible] primo
linee [illegible] quoniam lineam in tabula et [illegible] [illegible] et [illegible]
precedentem in medio et [illegible] [illegible] [illegible] alia [illegible] scripta [illegible]
[illegible] a [illegible] et [illegible] [illegible] remanet motus verus diei
scilicet linea prima tabule. Si igitur concordat bene est. Si non concordat
[illegible] [illegible] in alia parte tabule duas lineas [illegible] verum
[illegible] [illegible] concordaverunt [illegible] [illegible] certificatus de motu diei
[illegible] [illegible] [illegible] quod tabula in pluribus locis sit [illegible] et [illegible] et
certificatus [illegible] [illegible] [illegible] totam tabulam corrige et [illegible]
[illegible] [illegible] tota est [illegible] [illegible] [illegible] motum diei et [illegible]
duplicata et duplicatum erit motus duorum dierum et super illud adde motum
diei et provenit motus trium dierum et [illegible] adde motum diei
et sic deinde compleas 60 lineas et erit tabula facta.

Verum locum augis augium [illegible] tabulas [illegible]
[illegible] [illegible] motum augium et stellarum fixarum [illegible] [illegible]
radice aliqua [illegible] motus [illegible] in mediis motibus
et cum prima [illegible] [illegible] motum accessus et recessus [illegible] [illegible]
[illegible] adde radicem motus [illegible] octave [illegible] [illegible] [illegible]
ibi [illegible] [illegible] in gradibus [illegible] [illegible] in tabula [illegible] [illegible]
motus accessus et recessus et [illegible] [illegible] [illegible] in lineis [illegible]
quos ibi [illegible] [illegible] [illegible] [illegible] 90 [illegible] [illegible] [illegible] [illegible]
[illegible] ad 90 Si autem fuerint plures gradus quam 90 [illegible] [illegible]
[illegible] [illegible] [illegible] ita quod si [illegible] [illegible] [illegible] [illegible] [illegible]
88 Si vero 81 [illegible] [illegible] [illegible] ad [illegible] tabule et [illegible] 180
gradus 2 [illegible] [illegible] erit [illegible] Si non fuerit [illegible] [illegible] 180 [illegible]
[illegible] tabule ita quod 181 [illegible] [illegible] [illegible] et 182 [illegible] 29 et 183
sit 3 et [illegible] [illegible] ad 90 [illegible] et [illegible] [illegible] [illegible] 0 Si vero

fiunt gradus circa 29 residuum igitur est tabule ... equacionum ita per illi
argumento 89 quam illud argumentum 88 2 minuta ad quem tabula et erunt tunc
360 gradus et ubi erit equacio nulla / ... De ista quarta residua
non indigetur in tabula quia erit nulla eius autem quo
gradus eius igitur in gradibus in lineis inveniens numero quo ... residuo
quod sit sicut in gradibus minuta 26 et illud ... in 2 ... loco
quod quo invenisti ... pro uno gradu superaddito ... ...
invenisti primo pro 60 gradibus et si fuerint minuta ultra 61 gradus aliqua
minuta sicut cum 60 gradibus et ... quod sit in dicta equacione et ...
illud ... tabula ... equacio ... illa quam accepisti sit
maior quam 2 vel ... et subtrahe ... a ... et quod remanet ...
equacio ... duas equaciones ... dicta argumento quarta ...
2 ... minuta que fiunt ultra gradus ad 60 ... 6 ...
... Si in dicta ... equacionum fuerint minuta et 2
... ad ... 2 sit ... illa
minuta ad 2 ... que fiunt ultra ... minuta ... 2
2 ad 2 et sit 39 minuta tunc minuta 2 ... et illud ...
... quam 60 et minuta quoniam est minuta ... quam ...
addere equacionem primam accepte Si 2 fuerint addenda vel subtrahenda si 2 fuerint
... et quia ... addenda aut subtrahenda ... erit ... equacio octave
spere ... addere illud cum motu augium et stellarum fixarum
quam ... gradus ... quibus ... equacio fuerint ...
60 gradibus addere vel subtrahe si fuerint plures et quod ... addendam
vel subtrahendam ... addere radicem augium augis solis et ...
... cum ... illa ... planetarum
... quia ... planete ... potest ... in motu
augis excepta luna ... ...

Verum loco solis ... tabulas ... eius primo
medium motum solis et ipsam eius veram ... augis
solis ... argumentum quam augem ... subtrahe ... medio
motu si potes si medius motus sit minor quam ... Si autem non potes
subtrahe ... si medius motus sit ... augis ... minuta ...
... et quia ... subtrahe augis et quia ... subtrahere ...
erit argumentum solis / et ... quam in illo capitulo et in omnibus
... quod ... in ... subtrahe ...

alii sunt communia scilicet ex subtractione tunc ille numerus equationis debet fieri
subtractio sit a oriente [illegible] minor [illegible] debet subtrahi [illegible] si ille equationis debet fieri
subtractio sit vero addenda fuit sed una revolutio et post ea fiet subtractio
et sic diligenter in situ aut argumento solis nunc in eo ad tabulas
equationis solis et quere numerum complementum in lineis suis et si totum
numerum argumenti cuiusque invenies [illegible] si sit in argumento signa gradus
sunt minuta invenies indicta equationem subtractionem a motu medio
si argumenti solis [illegible] quo invenisti equationem sit minus 3 signis
vel adde eam ad medium motum si argumentum fuerit plus quam 3 signa
et quod post additionem vel subtractionem provenit erit verus motus solis in signa
[illegible] et minuta vero inveniens [illegible] post illos eque et post
[illegible] in argumento solis ultra signa et gradus essent aliqua minuta et
si essent plura quam 30 post [illegible] pone vel adde unum gradum [illegible] gradibus
argumenti et si essent pauciora minuta quam 30 de eis non curare et si
in uno ingressu essent equationem non oportet quaerere [illegible] proportionem
et esset opus sunt [illegible] ad sciendum in quo gradu sit sol et [illegible] potest
sive in aliis planetis sed [illegible] non sufficiat volenti [illegible] operari
[illegible] completa [illegible] ut utraque in argumento ut dixi et quere
signorum gradum in lineis suis et vide quid sit indicto de [illegible]
[illegible] gradibus [illegible] et [illegible] invenies ubi [illegible] in duobus
locis [illegible] si sunt in argumento aliqua minuta [illegible] adde argumento unum
gradum et in illo [illegible] vide equationem [illegible]
et [illegible] 2 equationes [illegible] minorem equationem
a [illegible] et illud quod remanet [illegible] equationem [illegible]
[illegible] unum gradum in illo loco [illegible] accipe [illegible] proportionem
[illegible] qualia sunt minuta que sunt in argumento ad 60 [illegible] proportionem
[illegible] unum gradum [illegible] completa accipe proportionem [illegible]
[illegible] minutorum que sunt [illegible] ad 60 [illegible]
adde [illegible] equationem si sunt [illegible] vel subtrahe [illegible] si
sunt [illegible] et quod post subtractionem vel additionem provenit erit equatio solis
[illegible] equationem subtrahe a medio motu solis quem dixi [illegible] si argumentum
fuerit minus 3 signis vel eam adde si argumentum fuerit plus 3 signis
et quod post additionem vel subtractionem provenit erit verus locus solis in [illegible]
[illegible] computata [illegible] et post signa computata [illegible] signa [illegible]
et si fuerint plura 30 gradibus ultra signa computata [illegible] 30 gradibus [illegible]
et [illegible] numerus signorum gradus minuta [illegible] ubi sit centrum corporis
solis sed quia in omnibus equationibus [illegible] operari indigeret

ate porcio sic de residuo [illegible] modo inveniendi porcionem porcionis ...
residua remanentibus [illegible] inequalis equacione de residua ad istud tempus
Si in dicta duracione equacionis fuerit minuta fracta reduc ea
ad 2a et si multiplica minuta per 60 et erunt 2a ad quibus adde fractiones
[illegible] vel [illegible] et aliud quod provenit serva et non obliviscaris
eius denominacionem quia 2a quia [illegible] [illegible] minuta ad 2a [illegible]
in argumento vel signa et gradus et si volueris multiplicare [illegible]
reducere 2a ad 2a Si autem non [illegible] [illegible] porcionum [illegible] minuta solum
et si [illegible] fuerit plura 2a quam 30 pone pro eis unum minutum [illegible]
[illegible] multiplica minuta [illegible] per minuta residua argumenti et [illegible] denominacionem
eius quod provenit quia si multiplicas minuta per minuta provenient 2a Si minuta
per 2a provenient 3a Si 2a per 2a provenient 4a [illegible] multiplica
[illegible] provenient [illegible] per 60 et reducit fracta in [illegible]
[illegible] et si [illegible] [illegible] per [illegible] reducit [illegible]
[illegible] et quod remanet [illegible] [illegible] si [illegible] fuerint plura
[illegible] divide ea per 60 et provenient minuta et quod remanet
remanet [illegible] [illegible] [illegible] porcionem [illegible] [illegible]
[illegible] et adde equacioni [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] adde [illegible] [illegible]
[illegible] [illegible] medium motum lune et [illegible] [illegible] [illegible]
medium motum solis [illegible] [illegible] a medio motu lune
et quod remanet duplica et quod provenit erit centrum medium lune
[illegible] Si duplica distancia inter solem et lunam [illegible]
distancia [illegible] auge [illegible] lune et medium motum lune [illegible]
distancia [illegible] centrum medium lune [illegible] [illegible] [illegible] [illegible] medii
motus [illegible] [illegible] argumentum medium lune et [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible] centro medio [illegible] [illegible]
[illegible] [illegible] [illegible] duplici [illegible] si fuerit aliqua [illegible]
[illegible] signa et gradus [illegible] [illegible] tibi [illegible] [illegible]
[illegible] [illegible] si [illegible] centro [illegible] minuta [illegible] [illegible] [illegible] [illegible]
et [illegible] [illegible] Si fuerit [illegible] [illegible] [illegible] centri [illegible] argumento
[illegible] Si non centrum medium fuerit [illegible] [illegible] [illegible] [illegible] equacio
[illegible] [illegible] argumento medio et quod [illegible] [illegible] [illegible]
[illegible] erit argumentum equatum lune [illegible] argumentum [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] tabulam
[illegible] [illegible] [illegible] [illegible] [illegible] indigebis

[illegible] [illegible] [illegible] in medio motu lune et argumentum lune [illegible] medio [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] centri

[illegible] in duplici [illegible] [illegible]

Si non [illegible] adde [illegible] [illegible] medio [illegible]

[illegible] [illegible] centri adde [illegible] [illegible] si [illegible] fuerit

Dum [illegible] querendo verum in tabulis [illegible] et acc[ipe] equacionem argumenti
centri [illegible] et [illegible] cum [illegible] et [illegible] equacio [illegible]
[illegible] et acc[ipe] [illegible] equacionem [illegible]
et [illegible] equacio [illegible] et [illegible]
[illegible] equa acc[ipe] [illegible]
[illegible] fuit [illegible] argumento ad 6 [illegible] quam [illegible]
[illegible] si fuit [illegible] et [illegible]
[illegible] equacio argumenti [illegible] equata
et acc[ipe] [illegible] duplicitate diametri [illegible] et [illegible]
semper [illegible] si oportuerit i. si [illegible] equacio fuit
fuit aliqua [illegible] acc[ipe] [illegible]
[illegible]
[illegible] ad 60 [illegible]
equacionem argumenti [illegible] in medio [illegible] si [illegible]
[illegible] equata [illegible] si fuit [illegible]
fuit [illegible]
si luna fuit [illegible]
[illegible] argumenti
[illegible]
[illegible] et [illegible] addicionem [illegible]
[illegible] et [illegible]

Sequitur finis canonum solis [illegible]

[illegible] si [illegible] et [illegible]
[illegible] ad 60 [illegible]
[illegible]
[illegible] fractiones et [illegible] fractiones
[illegible]
[illegible] ad 60 [illegible]
[illegible]
[illegible] ad 60 [illegible]
[illegible] et [illegible]
[illegible] ad [illegible]
[illegible] ad 60 et [illegible]
[illegible] et [illegible]
[illegible]
[illegible] et [illegible]
[illegible] in isto [illegible]

[illegible]

Verum locum capitis draconis invenire. Intellige quod motus
in instrumentis eccentrici lune cum ecliptica que vero capud et
caudam draconis dicitur est sicut motus [illegible] sed [illegible]
opposita et capud genzahar [illegible] quod sumatur contra [illegible]
cadat cum sumatur [illegible] motus capitis de 12 signis
remanet verus eius locus computatus per successionem signorum. Item igitur
volueris verum locum capitis draconis invenire, quere motum medium
eius in tabula sua cum [illegible] a 6 signis et quod post [illegible]
remanserit est verus locus capitis draconis computatus per successionem
signorum ab ariete. Item vero loco capitis draconis [illegible] tamen [illegible]
verum argumentum latitudinis invenire. Sic [illegible] verum locum capitis
draconis a vero loco lune et quod remanet est argumentum latitudinis
verum. Et vero verum argumentum latitudinis lune distantia corporis lune
a capite draconis et vero [illegible] argumento latitudinis [illegible] illo
invenire [illegible] longitudinis lune ab ecliptica [illegible]

Verum locum saturni iovis et martis invenire. Sume quod
[illegible] motus [illegible] eius veri loci invenire et [illegible]
et [illegible] centrum augem apud [illegible]
ubi [illegible] augem [illegible] a medio motu planete quod remanet
est centrum medium [illegible] medium motum [illegible] quod
[illegible] motus solis [illegible] medium motum planete quod sumatur
a medio motu solis et quod remanserit est argumentum medium quod
et [illegible] medium motum planete et [illegible] medium [illegible]
medium et medium motum planete et argumentum medium. Causa autem quod
[illegible] medius motus [illegible] in [illegible] medium
[illegible] sole [illegible] in auge media [illegible] epicicli et [illegible] quodlibet
[illegible] sunt epicicli in [illegible] sol [illegible] ad [illegible]
[illegible] quod [illegible] distat medius motus solis a medio motu [illegible]
[illegible] medius motus solis a medio motu [illegible]
[illegible] medii motus illius [illegible] motu solis [illegible]
distancia corporis planete ab auge [illegible] epicicli [illegible] sit [illegible]
illi [illegible] motu [illegible] [illegible]
et argumento medio [illegible] equacionum illius [illegible] motus [illegible]
et [illegible] equacio centri [illegible] duplici [illegible] si [illegible]
[illegible] sicud [illegible] tibi [illegible] solis

quia equacionem suam ad partem quam prius ea indigebis ea et scribe super ea
Si centrum medium in medietate quo intravisti fuerit plus sex signis
addicionis quod est additi. vel scribe super ea quod . i . Si centrum fuerit minus sex signis
diminucionis quod est subtrahi. Prima scripta et signata si est additi adde eam
cum centro medio et subtrahe eam a centro medio vel si est subtrahi
subtrahe eam a centro medio / et adde eam cum augmento medio et remanebit
utrumque equatum scilicet centrum et augmentum equatum. Cum quo sic intra cum centro
equato in capud tabularum in lineis numeri et accipe minuta proporcionalia in directo
scripta et ipsa signa et consideras proximum minus proporcionalium ... super quo sit
scriptum longior vel propinquior et serva Si minuta fuerint complementum tunc de longiore
Cum quo sic intra cum augmento equato in capud tabularum et scribe equacionem
augmenti in directo centrum et ipsam signa et voca equacionem augmenti ...
equata et intra semper cum duplici centro si fuerint minuta de augmento
quod extraxisti in canone ... accipe ... scilicet ubi ... equacionem
augmenti diversitatem dyametri in alia longitudine ... in longitudine longiori
augmenti ... sunt scriptum longior vel propinquior Si super minuta
proporcionalia fuerit scriptum propinquior / de qua diversitate dyametri accipe partem
proporcionalem ... proporcionalium quod ... extraxisti ad 60 / et illud partem
proporcionalem adde equacioni augmenti quam prius accepisti / Si diversitas dyametri fuerit
accepta de longitudine propinquiori ... partem proporcionalem subtrahe ab equacione
prius accepta / Si diversitas dyametri fuerit accepta in longitudine longiori
et quod per addicionem vel subtraccionem provenit erit equacio augmenti 2o equata
super qua scribe ... si augmentum equatum fuerit minus sex signis
... Cum quo sic accipe equacionem centri quam extraxisti et equacionem
augmenti et si super utramque sit scriptum ... i . adde simul et totum
adde medio motui planete / vel si super utramque sit scriptum ... i .
minua ... adde ea simul et totum subtrahe a medio motu planete
Si vero super unam fuerit scriptum ... i . adde et super aliam ... i . minua
subtrahe minorem a maiore et si super maiorem fuerit scriptum ... adde
illud quod remanet vel si super maiorem sit scriptum ... subtrahe quod
remanet a medio motu / et quod per addicionem vel subtraccionem provenit
erit verus locus planete ... quo operatus es in 8va spera ...
Verum locum mercurii ... invenire ... quod ... modos operandi
in ... et ... superioribus ... excepto quod medium motum
solis sit ... cum medio motu solis et ... ... et ...
solis sit in eodem loco / Et ... diversitate ... in invenienda
medio augmenti ... in illis invenire ... medium motum eorum

[illegible] motu solis [illegible] aut aut [illegible] [illegible] igitur volueris
operari [illegible] loco aliquo [illegible] [illegible] medio motu [illegible] solis qui [illegible]
[illegible] motu [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] et quod remanet erit [illegible]
[illegible] [illegible] medio [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in longi-
[illegible] et illa [illegible] [illegible] [illegible] non [illegible] [illegible] in opere [illegible] appli-
care [illegible] [illegible] [illegible] sit [illegible] longiori vel [illegible] [illegible]

Item solis in [illegible] vel in [illegible] [illegible] volueris invenire
[illegible] [illegible] solis ad tempus [illegible] [illegible] ad tempus
[illegible] [illegible] sol [illegible] distat ab [illegible] [illegible] [illegible]
distantia cum ab [illegible] [illegible] [illegible] medii motus solis [illegible]
[illegible] [illegible] [illegible] reduc [illegible] [illegible] si sunt [illegible]
reduc totum [illegible] distantia [illegible] [illegible] motu solis
[illegible] [illegible] tempus [illegible] cum [illegible] equasti et [illegible]
[illegible] et quod remanet [illegible] [illegible] sol [illegible] in [illegible] minuta dici
[illegible] reduc [illegible] [illegible] [illegible] ad [illegible] reduxisti distantiam solis
ab [illegible] [illegible] si reduxisti distantiam [illegible] reduc [illegible] illud [illegible]
et tunc quotiens erit minuta [illegible] [illegible] [illegible] et [illegible]
[illegible] minuta [illegible] [illegible] si remanserit aliquis [illegible] [illegible]
[illegible] [illegible] et quod [illegible] [illegible] [illegible] [illegible]
[illegible] motu minuti dici et tunc quotiens erit [illegible] dici [illegible]
ea [illegible] minuta [illegible] [illegible] [illegible] si aliquid remansit
[illegible] [illegible] [illegible] et quod [illegible] [illegible]
[illegible] et tunc quotiens erit [illegible] [illegible] [illegible] et
[illegible] [illegible] et sic si aliquid remansit [illegible] [illegible]
non possit [illegible] non sit [illegible] [illegible] [illegible] [illegible]
[illegible] minuta [illegible] [illegible] si sunt [illegible] [illegible] [illegible]
[illegible] et residuum manet in loco suo [illegible] [illegible] minuta
[illegible] que [illegible] si [illegible] aliquis [illegible] minuta [illegible]
[illegible] [illegible] [illegible] [illegible] loco [illegible] solis et [illegible]
[illegible] [illegible] loco solis et [illegible] [illegible]
[illegible] [illegible] [illegible] illud erit [illegible] solis [illegible]
Si autem [illegible] [illegible] [illegible] [illegible] et [illegible]
[illegible] minuti dici [illegible] [illegible] minuti dici et quod [illegible]

in anno quo recte sint minuta diei [illegible] i aut distancia sit [illegible]
quod non possit dividi per motum in uno minuto diei ultima per 60 et quod
provenit dividatur et erunt in anno quo recte minuta diei et quod remanserit
provenit dividatur ultima per 60 et dividatur per id quod provenit et erit secunda
minuta [illegible] subtiliorum et sic modo semper [illegible] per geometriam provenit
dividatur ultima per 60 et dividatur per id quod provenit [illegible] efficiunt
Cum scias tempus quod tunc invenisti adde tu tempus primo inventa si [illegible]
spacium solis non [illegible] adhuc ad medium vel [illegible] tempus primo invento
si [illegible] spacium solis transivit [illegible] et quod provenit erit tunc [illegible]
solis in [illegible] non [illegible] et tu [illegible] tempus [illegible] planetarum
provenit in tabulis [illegible] diei tu [illegible] in fine [illegible] et
[illegible] equacionem diei [illegible] et quod invenies ibi erunt [illegible]
et minuta [illegible] hore et [illegible] minuta [illegible]
hore et minuta diei et [illegible] tempus in quo [illegible] solis
in [illegible] invenisti et quod [illegible] erit [illegible] solis in [illegible]
[illegible] et tu [illegible] tempus [illegible] ad equacionem [illegible] et
[illegible] solet [illegible] et [illegible] dici [illegible] solis [illegible]
ita [illegible] et aliis [illegible] et [illegible] alia parte zodiaci [illegible]
[illegible] tu distancia [illegible] signo vel [illegible] vel tu [illegible] solis [illegible]
minuto diei excepto quod si [illegible] signa celi [illegible]
[illegible] solis in aliis omnibus [illegible] modo [illegible]
[illegible] modo potes invenire [illegible] et aliorum planetarum
in [illegible] signo et [illegible] zodiaci et [illegible]
[illegible] planetarum [illegible] ymagines [illegible]
[illegible] tu [illegible] argumento [illegible] solis
[illegible] potes [illegible]
[illegible] tabulas [illegible] in [illegible] tabule [illegible]

~~Capitulum de coniunctione et opposicione solis et lune invenienda~~
~~Cum scire volueris mediam coniunctionem [illegible] opposicionem [illegible]~~
~~vel opposicionem mediam [illegible] opposicionem [illegible] Cum scias quod~~
~~[illegible] tu tempus medie coniunctionis vel medie opposicionis~~
~~medium motum solis et lune et [illegible] et [illegible] argumentum solis [illegible]~~
~~[illegible] a medio motu [illegible] solis et [illegible]~~
~~[illegible] medietate argumento medio solis [illegible]~~
~~[illegible] loco [illegible] solis invenies [illegible] tu argumento medio~~
~~lune in tabulis [illegible] et [illegible] equacionem [illegible] invenies [illegible]~~
~~[illegible] medium solis et [illegible] loco lune [illegible]~~
~~[illegible] et quod [illegible] longitudo lune [illegible] longitudo [illegible]~~

[illegible] argumento [illegible] et [illegible]

Est autem longitudo illius qui precessit alterum in ordine signorum. Si autem fuerit
solis non lune non dicitur secunda set solem in coniunctione vel nadir solis
i. locum sibi oppositum in oppositione. Et set lune si luna iam transivit
solem in coniunctione vel nadir solis in oppositione. Hanc autem longitudinem scias
et super ea scribe solis longitudo vel longitudo lune. Longitudinem per omnia [illegible]
longitudinis 12 quotiens sibi ipsi adde quod accipias reducenda iam ad gradus
denominacionem quod divides per 12 et quod provenit divide per 60 si sit plures
quam 60 reddit in minutis secundis [illegible] set incrementum solis et
adde illud quod provenit minutis solis denominacionem et illius totius dicitur [illegible]
sta [illegible] et non [illegible] ea [illegible] denominacionem medietatis [illegible]
et cum adde minuto augmento lune si longitudo fuerit solis vel ab eo subtrahe
si longitudo fuerit lune et quod provenit est augmentum lune equatum [illegible]
motu lune in una hora vel in uno minuto diei. Si volueris operari per [illegible]
dierum super [illegible] et non [illegible] quod set [illegible] tabulas [illegible] in eo [illegible]
in qua [illegible] invenientur motus solis et lune in una hora et [illegible]
plures facte [illegible] qui vidi illa 3 [illegible] que continent tabulas
quas magister Johannes de Lineriis ordinavit [illegible] eadem [illegible] tabulas
in ea cum augmento solis et cum augmento lune aut utraque cum augmento solis
quod invenisti in hora medie coniunctionis in tabula que intitulatur tabula
ad inveniendum motum solis et lune in una hora [illegible] et
inde eodem modo [illegible] tabulam cum augmento lune quod dupli equatum [illegible]
[illegible] motu in una hora et invenies [illegible] quotiens [illegible]
luna in una hora et [illegible] cum duplici [illegible] [illegible] 1 aliqua
sit [illegible] in augmento [illegible] motum solis in una hora et
motum lune in una hora subtrahe motum solis in una hora et quod
remanet est superatio i. quantum movetur luna plus sole in una hora
[illegible] ea vide quot sunt gradus longitudinis inter solem et lunam et tot
[illegible] uno adde superacionem [illegible] dico si longitudo fuerit [illegible] gradus adde
[illegible] uno adde superacionem tot [illegible] 1 [illegible] 2 [illegible] 2 [illegible] 3 [illegible] si luna
superacionem tot 2 [illegible] uno 1 [illegible] 2 [illegible] si luna fuerit superior
fuerit inferior [illegible] vel [illegible] subtrahe si luna fuerit superior
[illegible] equali [illegible] [illegible] quod illud quod [illegible] super in [illegible]
[illegible] motu lune in fine et quod [illegible] additur vel [illegible] provenit est
superacio equata [illegible] ea [illegible] reduc longitudinem [illegible] [illegible]
[illegible] vel ad 3 reduc [illegible] superacionem [illegible] solis denominacionem ad quod.

Tempus vere coniunctionis et oppositionis solis et lune invenire
Cum [illegible] medie coniunctionis si earum coniunctionis vel medium oppositionis si earum
coniunctionis cum [illegible] vel [illegible] ad [illegible] tempus scilicet medie coniunctionis vel
oppositionis medium motum solis vel lune [illegible] medium motum lune [illegible] et
medium motum solis et [illegible] et in medio motu solis et lune [illegible]
et in oppositione nadir solis [illegible] medius motus lune et ipsum [illegible]
Post ea quere argumentum lune solis ut possis eius veri loca in [illegible]
ut docetur supra in canone solis [illegible] ipsum deinde quere medium argumentum lune
et ipsum [illegible] argumentum solis quod est prius ea indigetur deinde
ut ad argumentum medie lune in tabula equationum lune et quere equationem
argumenti ut possis veri loca lune invenire [illegible] solis operando et ea ratione
solis modo predicto in [illegible] et [illegible] in coniunctione vel oppositione facile est veri
loca lune invenire [illegible] [illegible] loca solis et lune [illegible]
a [illegible] et quod remanet [illegible] longitudo et [illegible] longitudo est enim longitudo
illius qui precessit alium in eadem [illegible] [illegible] solis [illegible] solis
si luna [illegible] [illegible] solem in coniunctione vel nadir solis i. locum
solis oppositum in oppositione vel [illegible] luna si luna [illegible] solem [illegible]
vel nadir solis in oppositione habet longitudinem [illegible] et [illegible] longitudo
solis vel longitudo lune [illegible] Post ea isti longitudini [illegible] adde
[illegible] 12 [illegible] [illegible] reducendo [illegible] longitudinem ad eandem
denominationem et divide ea per 12 et quod provenit [illegible] 60 et [illegible]
in motu [illegible] sicut docetur supra in canone solis et adde illud quod provenit
[illegible] longitudine reducta Vel aliter
[illegible] [illegible] solis [illegible] in longitudine [illegible] [illegible] et [illegible] [illegible]
[illegible] longitudinem [illegible] [illegible] et [illegible] [illegible] et ea [illegible] adde [illegible]
[illegible] longitudinem [illegible] 12 [illegible] [illegible] [illegible]
lune [illegible] [illegible] si longitudo fuerit solis [illegible] [illegible] si longitudo
lune [illegible] et [illegible] [illegible] [illegible] [illegible] est argumentum lune [illegible]
[illegible] lune [illegible] [illegible] hora [illegible] [illegible] diei [illegible]
[illegible] motu lune [illegible] et [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] ipsum [illegible] [illegible] [illegible] medius motus solis et lune
[illegible] hora [illegible] [illegible] [illegible] diei et [illegible] [illegible] fuerit [illegible]
in [illegible] [illegible] [illegible] illa que [illegible] in tabulis [illegible] [illegible] [illegible] [illegible]
ordinavit et [illegible] in ea [illegible] argumento solis [illegible] [illegible] [illegible]
argumentum lune [illegible] [illegible] longitudinem [illegible] [illegible] 12 [illegible] [illegible] et [illegible]
[illegible] argumento solis [illegible] [illegible] in hora medie coniunctionis vel oppositionis [illegible]
[illegible] [illegible] [illegible] [illegible] medium motum solis et lune [illegible]
hora vel in [illegible] diei et [illegible] [illegible] [illegible] [illegible]
hora vel in [illegible] diei et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Deinde intra cum [illegible] in canone tabularum cum argumento lune quod dupli equatum [illegible]
inveniendo motum lune in una hora ad [illegible] diei et [illegible]
[illegible] quid [illegible] in una hora vel in [illegible] diei et [illegible]
cum duplici [illegible] si sunt ibi aliqua [illegible] Si autem
[illegible] cum inveneris argumentum [illegible] in [illegible] cum minor [illegible]
et [illegible] motum Deinde intra cum 6 signis adde [illegible] illud [illegible] argumenti tabule
et que [illegible] quid [illegible] signis cum quibus [illegible] tabulas [illegible]
tamen solis [illegible] tabule [illegible] 1 motum solis in una hora [illegible]
et lune [illegible] motum solis in una hora a motu lune in una hora
Et quod remanet [illegible] superatio quid [illegible] luna plus [illegible] solis in una hora
Postea vide quot sunt [illegible] longitudinis [illegible] longitudine [illegible] [illegible] solis
solem et lunam in quarta [illegible] vel [illegible] solis et lune [illegible] oppositionem
Et tot [illegible] in [illegible] [illegible] tot [illegible] adde superationem [illegible] [illegible] | [illegible] adde [illegible] [illegible] longitudinis tot [illegible]
si longitudo sunt [illegible] adde superationem tot [illegible] [illegible] 1 [illegible] 2 [illegible]
tot [illegible] [illegible] [illegible] luna sunt in inferiori [illegible] [illegible] [illegible]
Si vero in superiori [illegible] et [illegible] addicionem vel subtractionem [illegible]
est superatio lune [illegible] [illegible] [illegible] [illegible] longitudinem
solis aut lune [illegible] ad 2 [illegible] superationem equata
[illegible] solis [illegible] ad quod [illegible] longitudinem [illegible] Deinde
longitudine [illegible] superationem et [illegible] in [illegible] erunt hore
vel [illegible] si [illegible] [illegible] [illegible] hore vel minuta et [illegible]
ea ad [illegible] et si aliquid remanserit [illegible] ad illud [illegible] 6 0
et divide [illegible] superationem et [illegible] erunt minuta hore
[illegible] horas [illegible] et si aliquid remanserit [illegible]
[illegible] 6 0 et divide [illegible] et [illegible] erunt 2 [illegible]
[illegible] 3 [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] horas [illegible]
[illegible] inventa [illegible] adde [illegible] vel oppositionem
si longitudo sunt [illegible] solis vel [illegible] si lune et [illegible] addicionem vel subtractionem
[illegible] est [illegible] Si [illegible] de [illegible]
vel [illegible] si [illegible] de oppositione [illegible] tibi [illegible]
[illegible] in illa [illegible] [illegible] [illegible]
[illegible] motus [illegible] lune [illegible] in [illegible] in [illegible]
[illegible] longitudo [illegible] [illegible] ad [illegible] quod [illegible]
[illegible] loco solis et [illegible] loco lune [illegible] [illegible]
Et si [illegible] in eodem loco si [illegible] [illegible] vel [illegible] oppositi
si [illegible] de oppositione [illegible] vel si [illegible] et [illegible] solis [illegible]

in oppositione [eadem ratione in ...] Si autem fuit aliqua diversitas in predictis vide quomodo [illegible]
[illegible] ... a 2° ... longitudo ... 12 ... et sua ea longitudo ...
et gradus ... longitudo in ... vel lune ... ea equa ...
ad ... dici ... tempus ... in ultimo ... et ...
2° et quod remanet ... motus ... in ... dici ... equa ...
lune ... ad ... dici ... tempus ... in ... oppositionem et ...
... a 2° et remanet motus lune ... dici ... ea
... motus ... in ... dici a motu lune in ... dici
et quod remanet ... reduc ad eandem ... longitudinem
longitudinem ad ... et divide longitudinem ... preparatoris ...
tempus dicti ... et ... et ... dicti Si autem longitudo ... ita
... quod non possit dividi ... preparatoris ... ea ... 60 et ... ea ...
... et 2 ... et si aliquid remanserit ... dividi ... 60
et divide ... et ... in ... 2 ... et ...
... in ... tempus ...
... longitudo ... vel ... lune
et ... in ... 2 ... et ...
... 2 ... forte ... vel oppositionis ...
... 2 ... et 10 ... et 2 ...
... oppositionem forte ... et ...
... vel oppositionem forte ... et ... ea ...
... et 2 ... ad ... et ... vel ... et ... ea ...
... vel ... 2 ... tempus ...
vel oppositionis ... et ad illud tempus
... loca planetarum ad ... figuram ... ascendentis ad ...
... ea ... et ... in ... loco ...
in ... et ... figura
in quo ... et ... et ...
2 dici ... in ... vel oppositionis et quod ...
est tempus ... vel oppositionis ... et in illo tempore ...
... ascendentis ... alia que pertinent ad figuram celi

Sequitur capitulum [illegible] solis et lune ... Sciendum quod ...
... ascendendo ...
et testatur ... in ... 6 et in ...
... in illa ... per ...
est in ... et ... dicta ... in ...
... ascendentis figure ... cum ...

equinoctialis et in zodiaco ut videbis in [illegible] Luna autem et
sol [illegible] zodiaci [illegible] ascensiones ut [illegible]
et eas [illegible] zodiaci ut videbis in [illegible]
[illegible] qui [illegible] Et si aliquis [illegible] zodiaci
[illegible] equinoctialis ut dicit autor [illegible] et [illegible] distant [illegible]
zodiaci [illegible] equinoctialis [illegible]
[illegible] ascensionibus
[illegible]
[illegible]
et luna [illegible]
[illegible]

[illegible]

Longitudine que est respectu ab aspectu vel ad aspectum visum et scias tamen motum
solis in uno anno diei a motu diurno in oriente precedenti per equacionem solem
per G. in uno diei per tempus ad quod [illegible] eius equasti Et sciendo quando sol est
in prima superficie anni motus solis vero ad G. uno diei Sed facias
de luna Et opposito tibi vel in luna addas motum longitudinis separato vero
aspectui quod est medie Et in illo quod provenit que motum eius in uno
anno diei sibi equando [illegible] ambo simul motum solis in uno anno diei
et motum lune in uno anno diei | Subtrahe motum solis in uno anno diei
a motu lune in uno anno diei Et quod remanet est superatio per quam divide
longitudinem visam equando [illegible] in ea sunt dies Et quod post divisionem
provenit adde ad tempus coniunctionis vere si aspectus fuerit ad [illegible] situs temporis vere
medie vel subtrahe ab eadem si superfuerit aspectus Et quod post additionem vel subtractionem
provenit erit tempus aspectus vel erit tempus medium [illegible] aspectum
Et si eius esse volueris equa ad illud tempus loca media solis et lune
et que assertiones solis et lune et subtrahe assertiones solis ab assertione
lune Et si remanet quod [illegible] vel 240 bene erit Si autem fuerit aliquid
deus vel plus minus quod vel 240 gradus in illa diei dicite equat et adde
[illegible] vel ad diei in capitulo [illegible] et [illegible] remanet
[illegible] 240 gradus [illegible] assertiones solis et lune [illegible]
[illegible] aspectus [illegible] equator diei in gradibus solis in tabula
equator diei [illegible] accipiendi equaciones [illegible]
[illegible] in anno et scida [illegible] accipe [illegible] gradus
[illegible] anno et [illegible] anno [illegible] hore que adde [illegible]
[illegible] habent anno et [illegible] adde [illegible]
[illegible] et [illegible] adde et [illegible] tempus equatum per
gradum [illegible] [illegible]

Tempus vero quarum [illegible] aliorum planetarum
inveniri Que vero loca [illegible] quorum [illegible] quantumque
adeptus [illegible] quantum [illegible] quod [illegible] fit
[illegible] est [illegible] tempus [illegible] / quod
planetarum / que [illegible] medios motus ambobus [illegible] quarum que
/ adequationem diei volueris et subtrahe motum [illegible] a maiore et quod
remanet est longitudo / quam [illegible] et sua [illegible]
[illegible] medium motum [illegible] uno anno diei que [illegible]
in prima linea tabule medii motus et subtrahe [illegible] et
quod remanet est superatio / divide per longitudinem [illegible] et quod provenit
[illegible] dies [illegible] superationibus / et quod
provenit adde ad tempus [illegible] si velocior [illegible] et quod
[illegible] subtrahe si velocior [illegible] sequatur tardiorem
[illegible] et remanet longitudo sua [illegible] / divide equa [illegible]
[illegible] quod tempus ad quod [illegible] equasti et subtrahe [illegible]

Si longitudo [illegible] ad aspectum / si aspectum [illegible] / [illegible] / si longitudo [illegible] / [illegible] ad aspectum [illegible] / subtrahe [illegible] / [illegible] longitudo / a longitudine / [illegible] / [illegible] / [illegible] / [illegible]

[illegible] [illegible]
p. 7 a 2°

~~[illegible] [illegible]~~ 2° si fuerit dicta [illegible] ponis [illegible] et quod remanet
erit motus unius diei [illegible] directorum sed si unus fuerit directus et alter
retrogradus dabis alium [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] motu
tardiorem a motu diei velocioris planete et quod remanserit erit separatio
sua [illegible] [illegible] recedunt longius que [illegible] sunt [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] recedunt [illegible] separatio [illegible] [illegible] plus [illegible]
[illegible] [illegible] [illegible] longius [illegible] recedunt [illegible] separatio [illegible]
[illegible] [illegible] longius [illegible] separatio et [illegible] quociens erit [illegible]
et si remanserit aliquid [illegible] [illegible] multiplica illud per 60 et divide
illud [illegible] quod [illegible] et [illegible] quociens erit [illegible] [illegible] et [illegible]
[illegible] tibi [illegible] [illegible] [illegible] tunc [illegible] [illegible] [illegible] addi-
tio [illegible] quod [illegible] [illegible] loca si tunc [illegible] fuerit [illegible] [illegible]
vel [illegible] [illegible] si tunc [illegible] [illegible] et quod tunc [illegible] [illegible] vel [illegible]
[illegible] erit tempus [illegible] [illegible] et [illegible] [illegible] modo operande sunt ambo
planete quorum [illegible] [illegible] fuerit directa vel retrograda si autem unus
eorum directus et alter retrogradus [illegible] alio modo oportebit operari et illud [illegible]
[illegible] vel [illegible] [illegible] [illegible] [illegible] et [illegible] vel [illegible] [illegible]
alio superiori [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] possit [illegible] [illegible] [illegible] [illegible] [illegible]
distant [illegible] et [illegible] [illegible] equali distancia [illegible] distant [illegible]
equaliter [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
et alium [illegible] [illegible] [illegible] motu [illegible] [illegible] [illegible] diei [illegible] [illegible] [illegible]
[illegible] autem retrogradi [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] erit tunc [illegible] motus [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] et illud quod remanserit [illegible] [illegible]
igitur [illegible] [illegible] motu [illegible] [illegible] [illegible] [illegible] diei [illegible]
[illegible] [illegible] [illegible] motu [illegible] [illegible] [illegible] [illegible] diei [illegible] et [illegible] motus [illegible] [illegible]
[illegible] motu planete [illegible] dicti [illegible] die et [illegible] motus retrogradi [illegible] [illegible]
[illegible] die [illegible] [illegible] duos motus [illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] aut [illegible] [illegible] [illegible] tunc [illegible] vel [illegible] tempus [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] loca eorum [illegible] et quod
[illegible] [illegible] vel [illegible] [illegible] erit tempus [illegible] [illegible] autem [illegible] multi-
[illegible] oportebit te multiplicare illud tempus quod
[illegible] ~~[illegible]~~ [illegible] tempus [illegible] loca [illegible] eorum et si [illegible] eos [illegible] eorum
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] motus [illegible] [illegible]
loca [illegible] erit [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
et [illegible] motu [illegible] [illegible] diei [illegible] tempus [illegible] [illegible] [illegible]
separacio si fuerint ambo dicti vel retrogradi vel [illegible] motus eorum
[illegible] [illegible] diei [illegible] si unus eorum fuerit retrogradus et [illegible] illud quod
[illegible] [illegible] separatio vel [illegible] motus [illegible] [illegible] [illegible]
et [illegible] [illegible] erit [illegible] [illegible] et si aliquid remanserit multiplica illud
per 6.0 et divide [illegible] quod [illegible] et [illegible] [illegible] erit [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] tempus [illegible] [illegible] [illegible] [illegible] [illegible]
~~[illegible] [illegible] [illegible] [illegible]~~ [illegible] [illegible] [illegible] si [illegible] [illegible]

[illegible] si [illegible]
[illegible] planete
tardioris [illegible]
[illegible] si
[illegible] velocioris
[illegible]
[illegible]

et qd pq additur aut subtrahitur provenit erit tempus verissime quesitum

Loca stellarum fixarum si equare volueris invenies
verum primo loca earum verificata ad aliquod tempus tibi notum et
sint loca illius verificata per alphonsum. Deinde quere equationem
motus accessus et recessus 8e spere per tabulas alphonsi quam sic invenies
in tabula radicum motus 8e spere radicem alphonsi et eam scribe et deinde
illud quod sequitur statim in proxima linea scilicet in dicta tabula
motus et equatio que sunt sub tempore quo equare stellas volueris
equacione sumpta que motus accessus et recessus 8e spere post alphonsum
nisi addere debes hic tamen adde radice alphonsi prius sumpta
et illud quod provenit resolve in gradus scilicet si sunt ibi aliqua signa
signa ad quelibet gradus sunt 30 equationes motus accessus et recessus
8e spere et que equaciones sunt dicte sunt in canone motus augium
tunc dicta stelle equatio quod sumpsisti si [illegible] que sunt post alphonsum
ab illa equatione sunt subtracta et illud quod remanet scilicet dicta erit
que sunt post alphonsum et illa quam subtrahisti post equationem tunc quia
erat sumpta demonstrat sunt [illegible] 3 2 16 que sunt ante equationes tunc quia
equationes tunc et que motus augium et stellarum fixarum post alphonsum nisi addendo
radice aliqua. Et tunc illud quod provenit adde datis equacionibus prius sumpta
et quod provenit adde loca augium stelle sive post alphonsum
et quod provenit erit locus cuius post equationes tunc et scias quod ille modus
operandi dicitur verus quia in motu accessus et recessus 8e spere
ita dicit equationes augmentans scilicet multo erit anno ante quam debeat quia
gradus ideo tunc ad hunc [illegible] quod sit tunc [illegible] videant igitur illi
qui sunt post vitam dicitur etc.

Quantitatem augium planete et aliarum stellarum fixarum volens invenire
verum primo locum illius stelle per que volueris sicut supra in proximo capitulo
precedenti. Et scilicet in tunc capitulo precedenti et et ipso quod locus alicuius
stelle sive in zodiaco scilicet locus ecliptice per quam transit linea vel circulus transiens
per polos zodiaci et corpus stelle licet illa stella multum distat ab ecliptica et illa
distancia vocatur latitudo stelle. Et verum est quod longitudinis circulus vocatur
scilicet quamvis sit in ea distancia ab ecliptica declinationis aut circuli ab equatore
vocantur in quo vocatur declinationis gradus ecliptice [illegible] quod sunt ecliptica
planeta dicitur ad ea quingi scilicet tunc stella fixa tunc vocatur addendo zodiaci per
transit circulus transiens per polos zodiaci et per corpus stelle. Si igitur volueris quando
aliqua planete cum aliqua stellarum fixarum coniungitur verum est locum illius
stelle fixe dicti verum est locum planete ad tempus coniunctionis quando
per equationes et vide distantiam inter stella et planetam. Verum est motum illius planete
in uno vero die per doctrinam computantibus [illegible] nec [illegible]
motum stelle in die [illegible] motus cuius tunc scilicet [illegible] in [illegible]
demonstratur longitudinis planete planete in uno die vel in [illegible]
vero dici et tunc in omnibus aliis ut scilicet motus stellarum scilicet in quantum
planetarum etc. i. tempus [illegible] dici addi scilicet additur [illegible] vel tardo
ad planetam stelle si planeta sit [illegible] stella tardior [illegible]
si vero stella sit [illegible] et si tardior sit stelle [illegible] planete
debet [illegible]

Per Wladislaum dono dati anno m° cccc° xxxi et magistri

Incipiunt tabule illustris regis Alphonsi et primo tabula [illegible] regni ad aliud [illegible] era una [illegible] [illegible] [illegible] in sequentibus tabulis positarum

No.		Era								
				3	2	1	3	2	2	1
1	d	Diluvii et regis Alphonsi	1	2 49	0 38	1	19	38	43	
2	d	Nabuchodonosor et regis Alphonsi	3	2 29	9 27	3	0	42	40	
3	d	Mortis Allexandri seu regis Philippi et Alphonsi	2	39 47	7	2	34	43	20	
4	d	Allexandri magni et Alphonsi	2	38 33	4 4	2	36	30	49	
5	d	Cesaris et Alphonsi	2	10 49	19	2	8	41	32	
6	d	Incarnacionis Christi et Alphonsi	2	6 41	49	2	2	16	12	
7	d	Diocleciani et Alphonsi	1	38 11	13	1	36	9	29	
8	d	Ere arabum et Alphonsi	1	3 49	41	1	1	42	39	
9	d	Yesdegert ultimi regis persarum et Alphonsi	1	2 49	4	1	0	42	17	
10	d	Diluvii et Nabuchodonosor	8	18 26	13					
11	d	Diluvii et Allexandri macedonis sive regis	9	41 22	33					
12	d	Diluvii et Allexandri magni	9	43 1	49					
13	d	Diluvii et ere cesaris	7	16 7	19					
14	d	Diluvii et incarnacionis Christi	7	14 43	32					
15	d	Diluvii et Diocleciani	7	43 29	27					
16	d	Diluvii et ere arabum	6	14 46	17	6	8	26	17	
17	d	Diluvii et ere persarum	6	18 26	38					
18	d	Nabuchodonosor et mortis Philippi seu Allexandri	0	14 49	20	0	22	49	20	
19	d	Nabuchodonosor et Allexandri magni	0	44 11	41	0	42	11	41	
20	d	Nabuchodonosor et ere cesaris	1	11 47	6	0	47	17	6	
21	d	Nabuchodonosor et incarnacionis Christi	1	14 46	26	0	17	26	26	
22	d	Nabuchodonosor et incarnacionis [illegible] Diocleciani	1	44 33	12	1	42	33	12	
23	d	Nabuchodonosor et ere arabum	2	18 20	1	1	48	1	22	
24	d	Nabuchodonosor et Yesdegert regis persarum	2	19 20	27	1	49	20	27	
25	d	Mortis Allexandri seu Philippi et Allexandri magni	0	1 12	2	0	1	12	21	La
26	d	Mortis Allexandri seu Philippi et ere cesaris	0	28 44	4 6	0	28	44	26	
27	d	Mortis Allexandri seu Philippi et ere arabum	0	32 41	6	0	32	41	6	
28	d	Mortis Allexandri seu Philippi et Diocleciani	1	1 33	47	1	1	33	42	
29	d	Mortis Allexandri seu Philippi et ere arabum	1	37 20	4 1	1	37	1	2	
30	d	Mortis Allexandri seu Philippi et ere persarum	1	36 41	7	1	36	41	7	
31	d	Allexandri magni et ere cesaris	0	21 43	27	0	24	43	27	La
32	d	Allexandri magni et incarnacionis Christi	0	31 38	4	0	31	38	47	
33	d	Allexandri magni et Diocleciani	1	0 21	31	1	0	21	31	
34	d	Allexandri magni et ere arabum	1	44 38	2	1	33	42	41	
35	d	Allexandri magni et ere persarum	1	34 38	44	1	34	38	44	La
36	d	Ere cesaris et incarnacionis Christi	0	3 41	20	0	3	41	20	
37	d	Ere cesaris et Diocleciani	0	32 38	6	0	32	38	6	
38	d	Ere cesaris et ere arabum	1	6 49	47	1	6	11	16	
39	d	Ere cesaris et ere persarum	0	28 26	19	1	1	47	19	
40	d	Incarnacionis Christi et Diocleciani	0	28 46	28	0	28	26	26	La
41	d	Incarnacionis Christi et ere arabum	1	3 3	31	1	2	19	46	
42	d	Incarnacionis Christi et ere persarum	1	2 3	49	1	2	3	49	
43	d	Diocleciani et ere arabum	0	44 8	4	0	33	33	10	
44	d	Diocleciani et ere persarum	0	32 17	13	0	37	17	13	
45	d	Ere arabum et ere persarum	0	1 0	24	0	1	44	3	

Tabula motus ad octavam speram ... [illegible] ... ad octavam
... [illegible] ...

Anni collecti ... [illegible] | Anni expansi
... [illegible] ... quibus ad ... [illegible]

Anni	4	3	2	1		Anni	3	2	1	6		Anni	3	2	1	6		Anni	4	3	2	1
40	0	4	3	30		1	0	6	5	15		1	0	6	5	30		1	0	6	5	45
60	0	6	5	15		2	0	12	10	30		2	0	12	10	45	B	2	0	12	11	0
80	0	8	7	0		3	0	18	15	45	B	3	0	18	16	0		3	0	18	16	15
100	0	10	8	45	B	4	0	24	21	0		4	0	24	21	15		4	0	24	21	30
200	0	20	17	30		5	0	30	26	15		5	0	30	[illegible]	[illegible]		5	0	30	26	45
300	0	30	26	15		6	0	36	31	30		6	0	36	31	45	B	6	0	36	32	0
400	0	40	35	0		7	0	42	36	45	B	7	0	42	37	0		7	0	42	37	15
500	0	50	43	45	B	8	0	48	42	0		8	0	48	42	15		8	0	48	42	30
600	1	0	52	30		9	0	54	47	15		9	0	54	47	30		9	0	54	47	45
700	1	11	1	15		10	1	0	52	30		10	1	0	52	45	B	10	1	0	53	0
800	1	21	10	0		11	1	6	57	45	B	11	1	6	58	0		11	1	6	58	15
900	1	31	18	45	B	12	1	13	3	0		12	1	13	3	15		12	1	13	3	30
1000	1	41	27	30		13	1	19	8	15		13	1	19	8	30		13	1	19	8	45
2000	3	22	55	0		14	1	25	13	30		14	1	25	13	45	B	14	1	25	14	0
3000	5	4	22	30		15	1	31	18	45	B	15	1	31	19	0		15	1	31	19	15
4000	6	45	50	0	B	16	1	37	24	0		16	1	37	24	15		16	1	37	24	30
5000	8	27	17	30		17	1	43	29	15		17	1	43	29	30		17	1	43	29	45
6000	10	8	45	0		18	1	49	34	30		18	1	49	34	45	18	18	1	49	35	0
7000	11	50	12	30		19	1	55	39	45	B	19	1	55	40	0		19	1	55	40	15
8000	13	31	40	0	B	20	2	1	45	0		20	2	1	45	15		20	2	1	45	30

Menses latinorum ad annos alexandri	2	1	Menses quibus ad annos ... [illegible]	2	1	Menses grecorum ad annos alexandri	2	1	Menses ... [illegible]	2	1
Junius	0	30	Sep Sa	0	31	Tysrin	0	31	Tuth	0	30
Julius	1	1	Bri Sa	0	49	Tysrin	1	1	Baba	1	0
Augustus	1	32	Mag Tha	1	30	Kanun	1	32	Hoyatur	1	30
September	2	2	Ape Ap	2	0	Kanun	2	3	Hoyhet	2	0
October	2	33	Per Ma	2	30	Sabbath	2	31	Tocaba	2	30
November	3	3	Nu Ju	3	1	Adar	3	[illegible]	Amshir	3	0
December	3	34	Jula Jul	3	32	Aygar	3	38	Baramat	3	30
Januarius	4	5	Pos Aug	4	3	Afar	4	3	Barmuda	4	0
Februarius	4	33	Egil Sep	4	33	Hasiran	4	33	Bashnas	4	30
Martius	5	4	Nag Oc	5	4	Tammuz	5	4	Bauna	5	0
Aprilis	5	34	Ony No	5	35	Ab	5	35	Abibi	5	30
Maius	6	5	Dos De	6	5	Eylul	6	5	Mesore	6	0
Bissextus: Junius	0	1	Lip Sa	0	31	Tysrin	0	31	Tuth	0	30
Julius	1	32	Bri Fe	1	0	Tysrin	1	1	Baba	1	30
Augustus	1	2	Mar Mar	1	31	Kanun	1	32	Hoyatur	1	30
September	2	33	Ape Ap	2	1	Kanun	2	3	Hoyhet	2	0
October	3	3	Per Ma	2	32	Sabbath	2	33	Tocaba	2	30
November	3	4	Nu Ju	3	2	Adar	3	4	Amshir	3	0
December	3	4	Jula Jul	3	33	Aygar	3	38	Baramat	4	30
Januarius	4	33	Pos Aug	4	4	Mar	4	6	Barmuda	4	0

[illegible]

[illegible]

Xpho[illegible] anni [illegible] et 6 [illegible]
[illegible] anni [illegible]
[illegible]

3700	1 22 41 30	Menses arabum	
7900	8 41 33 0	Almuharam	0 30
6300	10 20 8 30	Saphar	0 29
1200	11 98 99 0	Rabe p(rimu)s	1 29
8100	13 11 9 30	Rabe 2	1 48
Primus illius tabule		Jumet p(rimu)s	2 28
Ad inveniendum eram		Rajab	2 41
arabum et ad		Xahaban	3 21
alterius [illegible]		Ramadan	3 46
[illegible] italiam		Xawal	4 26
		Dulcheda	4 44
		Dulhegia	4 27
		Jumet 2	4 49

	2	1		2	1		2	1				
Februarius	4	33	Egil Bag	4	34	Hasirai	4	36	Bixbuox	4	30	Tabula ad
Marcius	5	4	Athar	5	5	Dammuch	5	5	Julla	5	0	inveniendum
Aprilis	5	34	Tyn no	5	35	Ab	5	36	Abili	5	30	eram arabum
Maius	6	6	[illegible]	6	6	Elul	6	6	Wasse	6	6	et christianorum

Tabule cum tabula et extractis ad eram diluvii
Nabuch' [illegible] christi philippi alexandri nat' xpi [illegible]

philippi [illegible] aliarum per ota

	4	3	2	1
40	0	4	3	20
60	0	6	5	0
80	0	8	6	40
100	0	10	8	20
200	0	20	16	40
300	0	30	25	0
400	0	40	33	20
500	0	50	41	40
600	1	0	50	0
700	1	10	58	20
800	1	21	6	40
900	1	31	15	0
1000	1	41	23	20
2000	3	22	46	40
3000	5	4	10	0
4000	6	45	33	20
5000	8	26	56	40
6000	10	8	20	0
7000	11	49	43	20
8000	13	31	6	40

	3	2	1	3
1	0	6	5	0
2	0	12	10	0
3	0	18	15	0
4	0	24	20	0
5	0	30	25	0
6	0	36	30	0
7	0	42	35	0
8	0	48	40	0
9	0	54	45	0
10	1	0	50	0
11	1	6	55	0
12	1	13	0	0
13	1	19	5	0
14	1	25	10	0
15	1	31	15	0
16	1	37	20	0
17	1	43	25	0
18	1	49	30	0
19	1	55	35	0
20	2	1	40	0

		3	2	1
30	0	2	57	11
60	0	5	54	22
90	0	8	51	33
120	0	11	48	44
150	0	14	45	55
180	0	17	43	6
210	0	20	40	17
240	0	23	37	28
270	0	26	34	39
300	0	29	31	50
330	0	32	29	1
360	0	35	26	12
390	0	38	23	23
420	0	41	20	34
450	0	44	17	45
480	0	47	14	56
510	0	50	12	7
540	0	53	9	18
570	0	56	6	29
600	0	59	3	40
630	1	2	0	51
660	1	4	58	2
690	1	7	55	13
720	1	8	52	24
750	1	13	49	35
780	1	16	46	46
810	1	19	43	57
840	1	22	41	8
870	1	25	38	19
900	1	28	35	30
1800	2	57	11	0
2700	4	25	46	30
3600	5	54	22	0

	3	2	1	3
1	5	54	11	0
2	11	49	22	0
3	17	43	33	0
4	23	37	14	0
5	29	32	25	0
6	35	26	6	0
7	41	21	17	0
8	47	17	28	0
9	53	9	9	0
10	59	4	20	0
11	40	48	1	1
12	10	52	12	1
13	16	47	23	1
14	22	41	4	1
15	28	35	15	1
16	39	30	26	1
17	40	24	1	1
18	46	19	18	1
19	52	13	29	1
20	58	7	10	1
21	4	2	21	2
22	9	56	2	2
23	15	50	13	2
24	21	45	24	2
25	27	39	5	2
26	33	34	16	2
27	39	28	21	2
28	44	22	8	2
29	51	17	19	2
30	57	11	0	2

Tabula mensium Egiptiorum | Tabula mensium persarum

	2	1		2	1
Tuch	0	30	Absimedaugh	0	30
Baba	1	0	Alldisthe	1	0
Atur	1	30	Hardiasput	1	30
Kayach	2	0	Alamarut	2	0
Tubi	2	30	Khardaut	2	30
Machyr	3	0	Tachsiwar	3	0
Ophenia	3	30	Machame	3	30
Rynch	4	0	Abanmach	4	0
Bachnai	4	30	Adrur	4	30
Bachtar	5	0	Domay	5	0
Bexisiactha	5	30	Bochmant	5	30
Machnoi	6	0	Asfirdar	6	0

Tabula motus [illegible] longitudinis [illegible]

Anni collecti		Anni Alfonsi		Iubilei de [illegible] et annos anni Alfonsi		Iubilei de [illegible] et annos Nabuchodonosor		Iubilei de [illegible] et annos anni Alfonsi		Iubilei de [illegible] et annos Alfonsi
		3 2 1	4	3 2 1			4	3 2 1	4	3 2 1
Radix 20	1	21 40 38	3	22 44 25	2	39 45 5	2	38 32 44	2	10 49 19
40	1	23 42 23	3	24 46 10	2	41 46 50	2	40 34 29	2	12 51 4
60	1	25 44 8	3	26 47 55	2	43 48 35	2	42 36 14	2	14 52 49
80	1	27 45 53	3	28 49 40	2	45 50 20	2	44 37 59	2	16 54 34
100	1	29 47 38	3	30 51 25	2	47 52 5	2	46 39 44	2	18 56 19
120	1	31 49 23	3	32 53 10	2	49 53 50	2	48 41 29	2	20 58 4
140	1	33 51 8	3	34 54 55	2	51 55 35	2	50 43 14	2	22 59 49
160	1	35 52 53	3	36 56 40	2	53 57 20	2	52 44 59	2	25 1 34
180	1	37 54 38	3	38 58 25	2	55 59 5	2	54 46 44	2	27 3 19
200	1	39 56 23	3	41 0 10	2	58 0 50	2	56 48 29	2	29 5 4
220	1	41 58 8	3	43 1 55	3	0 2 35	2	58 50 14	2	31 6 49
240	1	43 59 53	3	45 3 40	3	2 4 20	3	0 51 59	2	33 8 34
260	1	46 1 38	3	47 5 25	3	4 6 5	3	2 53 44	2	35 10 19
280	1	48 3 23	3	49 7 10	3	6 7 50	3	4 55 29	2	37 12 4
300	1	50 5 8	3	51 8 55	3	8 9 35	3	6 57 14	2	39 13 49
320	1	52 6 53	3	53 10 40	3	10 11 20	3	8 58 59	2	41 15 34
340	1	54 8 38	3	55 12 25	3	12 13 5	3	11 0 44	2	43 17 19
360	1	56 10 23	3	57 14 10	3	14 14 50	3	13 2 29	2	45 19 4
380	8	58 12 8	3	59 15 55	3	16 16 35	3	15 4 14	2	47 20 49
400	8	0 13 53	4	1 17 40	3	18 18 20	3	17 5 59	2	49 22 34
420 ‖ 440	8	2 15 38	4	3 19 25	3	20 20 5	3	19 7 44	2	51 24 19
460	8	4 17 23	4	5 21 10	3	22 21 50	3	21 9 29	2	53 26 4
480	8	6 19 8	4	7 22 55	3	24 23 35	3	23 11 14	2	55 27 49
500	8	8 20 53	4	9 24 40	3	26 25 20	3	25 12 59	2	57 29 34
520	8	10 22 38	4	11 26 25	3	28 27 5	3	27 14 44	2	59 31 19
540	8	12 24 23	4	13 28 10	3	30 28 50	3	29 16 29	3	1 33 4
560	8	14 26 8	4	15 29 55	3	32 30 35	3	31 18 14	3	3 34 49
580	8	16 27 53	4	17 31 40	3	34 32 20	3	33 19 59	3	5 36 34
600	8	18 29 38	4	19 33 25	3	36 34 5	3	35 21 44	3	7 38 19
620	8	20 31 23	4	21 35 10	3	38 35 50	3	37 23 29	3	9 40 4
640	8	22 33 8	4	23 36 55	3	40 37 35	3	39 25 14	3	11 41 49
660	8	24 34 53	4	25 38 40	3	42 39 20	3	41 26 59	3	13 43 34
680	8	26 36 38	4	27 40 25	3	44 41 5	3	43 28 44	3	15 45 19
700	8	28 38 23	4	29 42 10	3	46 42 50	3	45 30 29	3	17 47 4
720	8	30 40 8	4	31 43 55	3	48 44 35	3	47 32 14	3	19 48 49
740	8	32 41 53	4	33 45 40	3	50 46 20	3	49 33 59	3	21 50 34
760	8	34 43 38	4	35 47 25	3	52 48 5	3	51 35 44	3	23 52 19
		36 45 23	4	37 49 10	3	54 49 50	3	53 37 29	3	25 54 4
4		38 47 8	4	39 50 55		56 51 35		55 39 14	3	27 55 49
		3 2 1								

Iubilei de [illegible] et annos [illegible] anni Alfonsi [illegible]

Tabula motus [illegible] cum [illegible] alia [illegible] et [illegible] Tabula motus [illegible] in annis collectis [illegible] in annis expansis

	4	3	2	1					
Radix	2	6	55	49	1	1	38	11	13
20	2	8	57	34	1	1	40	12	58
						1	42	14	43
						1	44	16	28
						1	46	18	13
						1	48	19	58
						1	50	21	43
						1	52	23	28
						1	54	25	13
						1	56	26	58
						1	58	28	43
						2	0	30	28
						2	2	32	13
						2	4	33	58
						2	6	35	43
						2	8	37	28
						2	10	39	13
						2	12	40	58
						2	14	42	43
						2	16	44	28
						2	18	46	13
						2	20	47	58
						2	22	49	43
						2	24	51	28
						2	26	53	13
						2	28	54	58
						2	30	56	43
						2	32	58	28
						2	35	0	13
						2	37	1	58
600	3	7	50	29	2	2	39	3	43
620	3	9	52	14	2	2	41	5	28
640	3	11	53	59	2	2	43	6	13
660	3	13	55	44	2	2	45	8	58
680	3	15	57	29	2	2	47	10	43
700	3	17	58	14	2	2	49	12	28
720	3	20	0	59	2	2	51	14	13
740	3	22	2	44	2	2	53	15	58
760	3	24	4	29	2	3	55	17	43

Radix	1	3	52	24	1	2	54	0
20	1	5	56	9	1	4	55	55
	1	7	56	54	1	6	57	30
	1	9	59	39	1	8	59	5
	1	12	1	24	1	11	1	0
	1	14	2	9	1	13	2	55
	1	16	4	54	1	15	3	30
	1	18	6	39	1	17	6	45
	1	20	8	24	1	19	8	0
	1	22	9	9	1	21	9	45
	1	24	10	54	1	23	12	30
	1	26	13	39	1	25	14	25
	1	28	15	24	1	27	16	20
	1	30	16	9	1	29	18	15
	1	32	18	54	1	31	20	30
	1	34	20	39	1	33	22	15
	1	36	22	24	1	35	23	0
	1	38	23	9	1	37	25	55
	1	40	25	54	1	39	27	30
	1	42	27	39	1	41	29	45
	1	44	29	24	1	43	30	0
	1	46	30	9	1	45	33	35
	1	48	32	54	1	47	35	30
	1	50	34	39	1	49	36	15
	1	52	36	24	1	51	39	0
	1	54	38	9	1	53	41	55
	1	56	39	54	1	55	43	30
	1	58	41	39	1	57	45	45
	2	0	43	24	1	59	46	40
	2	2	44	9	2	1	48	55
600	2	4	46	54	2	3	50	30
620	2	6	48	39	2	5	51	55
640	2	8	50	24	2	7	53	0
660	2	10	51	9	2	9	55	55
680	2	12	53	54	2	11	55	30
700	2	14	55	39	2	13	58	15
720	2	16	57	24	2	15	[illegible]	6
740	2	18	58	9	2	17	[illegible]	45
760	2	20	0	54	2	20	0	30

Tabula motus augis et stellarum fixarum in annis expansis

1	0	6	5
2	0	12	10
3	0	18	15
4	0	24	21
5	0	30	26
6	0	36	31
7	0	42	36
8	0	48	42
9	0	54	47
10	1	0	52
11	1	6	57
12	1	13	3
13	1	19	8
14	1	25	13
15	1	31	18
16	1	37	24
17	1	43	29
18	1	49	34
19	1	55	39
20	2	1	45

28a 5/5

Primus tabule motus augis et stellarum in annis expansis

1	0	2	30
2	0	5	0
3	0	7	30
4	0	10	0
5	0	12	30
6	0	15	0
7	0	17	30
8	0	20	0
9	0	22	30
10	0	25	0
11	0	27	30
12	0	30	0
13	0	32	30
14	0	35	0
15	0	37	30
16	0	40	0
17	0	42	30
18	0	45	0
19	0	47	30
20	0	50	0
21	0	52	30
22	0	55	0
23	0	57	30

Tabula notarum anni mensis

ml	Dies	1	2	3	4	Dies	1	2	3	4
1	1	1	4	2	1	31	3	5	6	3
2	2	2	1	4	2	32	4	2	1	4
3	3	3	5	6	4	33	5	6	3	5
4	4	4	2	1	5	34	6	3	5	6
5	5	5	6	3	6	35	7	7	7	7
6	6	6	3	5	6	36	1	4	2	1
7	7	7	7	7	7	37	2	1	4	2
8	8	1	4	2	1	38	3	5	6	3
9	9	2	1	4	2	39	4	2	1	4
10	10	9	5	6	3	40	5	6	3	5
11	11	4	2	1	4	41	6	3	5	6
12	12	5	6	3	5	42	7	7	7	7
13	13	6	3	5	6	43	1	4	2	1
14	14	7	7	7	7	44	2	1	4	2
15	15	1	4	2	1	45	3	5	6	3
16	16	2	1	4	2	46	4	2	1	4
17	17	3	5	6	3	47	5	6	3	5
18	18	4	2	1	4	48	6	3	5	6
19	19	5	6	3	5	49	7	7	7	7
20	20	6	3	5	6	50	1	4	2	1
22	21	7	7	7	7	51	2	1	4	2
23	22	1	4	2	1	52	3	5	6	3
23	23	2	1	4	2	53	4	2	1	4
24	24	3	5	6	3	54	5	6	3	5
2	25	4	2	1	4	55	6	3	5	6
	26	5	6	3	5	56	7	7	7	7
	27	6	3	5	6	57	1	4	2	1
	28	7	7	7	7	58	2	1	4	2
	29	1	4	2	1	59	3	5	6	3
	30	2	1	4	2	60	4	2	1	4
							1	2	3	4

Diluvij	5	Arabum	
Nabugodonosor	4	Persarum	3
Philippi	2	Alphonsi	7
Alexandri	4		
Cesaris	1		
Incarnacionis	4		
Diocleciani	6		

Tabula notarum anni dierum [illegible]

Tabula ad sciendum x minuta dierum et eorum secundas minuta horarum et eorum [illegible]

Dies	hore	minuta	2a	Dies	hore	minuta	2a
1	0	2	30	31	1	17	30
2	0	5	0	32	1	20	0
3	0	7	30	33	1	22	30
4	0	10	0	34	1	25	0
5	0	12	30	35	1	27	30
6	0	15	0	36	1	30	0
7	0	17	30	37	1	32	30
8	0	20	0	38	1	35	0
9	0	22	30	39	1	37	30
10	0	25	0	40	1	40	0
11	0	27	30	41	1	42	30
12	0	30	0	42	1	45	0
13	0	32	30	43	1	47	30
14	0	35	0	44	1	50	0
15	0	37	30	45	1	52	30
16	0	40	0	46	1	55	0
17	0	42	30	47	1	57	30
18	0	45	0	48	2	0	0
19	0	47	30	49	2	2	30
20	0	50	0	50	2	5	0
21	0	52	30	51	2	7	30
22	0	55	0	52	2	10	0
23	0	57	30	53	2	12	30
24	1	0	0	54	2	15	0
25	1	2	30	55	2	17	30
26	1	5	0	56	2	20	0
27	1	7	30	57	2	22	30
28	1	10	0	58	2	25	0
29	1	12	30	59	2	27	30
30	1	15	0	60	2	30	0

Mi	1a	2	3
2	2	3	4
3	3	4	
4	4		

Hore dies

Se	1a	2	3
2	2	3	4
3	3	4	
4	4		

Hore dies

Tabula ad sciendum horas et earum secundas minuta dierum horarum

Dies	hore	minuta	Dies	hore	minuta
1	0	24	31	13	24
2	0	48	32	12	48
3	1	12	33	13	12
4	1	36	34	13	36
5	2	0	35	14	0
6	2	24	36	14	24
7	2	48	37	14	48
8	3	12	38	15	12
9	3	36	39	15	36
10	4	0	40	16	0
11	4	24	41	16	24
12	4	48	42	16	48
13	5	12	43	17	12
14	5	36	44	17	36
15	6	0	45	18	0
16	6	24	46	18	24
17	6	48	47	18	48
18	7	12	48	19	12
19	8	36	49	19	36
20	8	0	50	20	0
21	8	24	51	20	24
22	8	48	52	20	48
23	9	12	53	21	12
24	9	36	54	21	36
25	10	0	55	22	0
26	10	24	56	22	24
27	10	48	57	22	48
28	11	12	58	23	12
29	11	36	59	23	36
30	12	0	60	24	0

Minuta	1a	2a	3a	4a
2	1a	2	2	3
3	3	3	3	4
3	4		5	

Tabula equationis temporis [illegible] cum [illegible] (Tabula equationis temporis era completa et annis expansis)

Anni		4	3	2	1
1		0	0	6	5
2		0	0	12	10
3		0	0	18	15
4	B	0	0	24	21
5		0	0	30	26
6		0	0	36	31
7		0	0	42	36
8	B	0	0	48	42
9		0	0	54	48
10		0	1	0	52
11		0	1	6	55
12	B	0	1	13	3
13		0	1	19	8
14		0	1	25	13
15		0	1	31	18
16	B	0	1	34	24
17		0	1	43	29
18		0	1	49	34
19		0	1	55	39
20	B	0	1	1	44

Tabula que per summa [illegible] dies a tempore [illegible] in horis et minutis [illegible] horas [illegible]

Hore			
1	0	2	30
2	0	5	0
3	0	7	30
4	0	10	0
5	0	12	30
6	0	15	0
7	0	17	30
8	0	20	0
9	0	22	30
10	0	25	0
11	0	27	30
12	0	30	0
13	0	32	30
14	0	35	0
15	0	37	30
16	0	40	0
17	0	42	30
18	0	45	0
19	0	47	30
20	0	50	0
21	0	52	30
22	0	55	0
23	0	57	30
24	1	0	0

Radices motus [illegible]

	S	G	M	2
Diluvii	9	19	41	4
Eius motus	3	2	55	12
Nabuchodonosor	5	28	48	0
Eius motus	0	5	40	21
Philippi	5	42	3[illegible]	21
Eius motus	10	5	40	21
Alexandri magni	0	42	12	1
Eius motus	5	23	5	39
Cesaris	9	10	15	18
Eius motus	9	0	2	51
Incarnationis	4	9	12	39
Eius motus	0	0	15	21
Alhigere	0	31	10	26
Eius motus	0	5	38	42
Bochtanazar	0	3	19	3
Eius motus	0	4	4	2[illegible]
Alphonsi	1	3	4[illegible]	9
Eius motus	[illegible]	[illegible]	4	1

Tabula radicum medii motus lune ad erabe

	S	G	M	2	3
Diluvii	4	[illegible]	4	33	22 33
Nabuchodonosor	0	29	46	23	14 51
Alexandri	2	4	21	1	10 51
Cesaris	1	[illegible]	12	0	33 38
Incarnationis	2	2	46	10	16 51
Alhigere	2	2	1	16	23 40
Yesdagird	5	5	31	6	22 55 0
Alphonsi	5	5	26	5	51 11 44

Tabula radicum capitis draconis latitudinis ad eras sue partes

Tabula radicum argumenti latitudinis lune ad erabe

	S	G	M	2	S	G	M	2	3	4
Diluvii	[illegible]	[illegible]	[illegible]	5	2	29	31	9	49	28
Nabuchodonosor	[illegible]	[illegible]	[illegible]	4	5	13	14	9	20	42
Alexandri	[illegible]	[illegible]	[illegible]	3	5	15	16	39	1	12
Cesaris	[illegible]	[illegible]	[illegible]	3	3	11	6	44	9	11
Incarnationis	[illegible]	[illegible]	[illegible]	4	3	39	4	20	5[illegible]	39
Alhigere	[illegible]	[illegible]	[illegible]	0	5	55	5	15	5[illegible]	9
Yesdagird	[illegible]	[illegible]	[illegible]	2	0	48	13	6	9	
Alphonsi	[illegible]	[illegible]	[illegible]		2	32	4	13	0	

Tabula radicum medii motus solis ad eras [illegible] per [illegible]

	S	G	M	2	3	4
Diluvii	5	15	39	41	38	49
Nabuchodonosor	7	2	12	42	21	49
Philippi	3	9	26	26	43	19
Alexandri	3	5	8	21	4	23
Cesaris	4	31	44	1	10	29
Incarnationis	9	38	51	0	[illegible]	20 5
Alhigere	1	4	52	2	0	20
Yesdagird	1	26	10	49	11	50
Alphonsi	1	16	31	12	38	43
	S	G	2	3	4	

Tabula radicum capitis draconis ad eras sue partes

	S	G	M	2
Diluvii	3	26	4	41
Nabuchodonosor	0	4	44	4
Alexandri	3	11	9	33 20
Cesaris	1	11	44	5
Incarnationis	1	31	5	41
Alhigere	3	42	2	51
Yesdagird	1	5	14	48
Alphonsi	2	16	12	6 12

Tabula argumenti radicum Solis et Veneris et Mercurii in motu diversitatis ad eras

	S	G	M	2a
Diluvii	0	48	31	0
Nabuchodonosor	1	7	56	1
Alexandri	1	9	8	4
Cesaris	1	11	6	6
Incarnationis	1	11	57	23
Arabum	1	17	29	4
Yesda	1	16	3	43
Alphonsi	1	20	36	0

Tabula radicum medii motus et medii argumenti lune ad eras supradictas

	S	G	M	2a	3a	4a
Diluvii	3	42	4	31	44	
Nabuchodonosor	4	13	4	59	42	
Alexandri	4	24	30	18	24	
Cesaris	4	56	51	30	2	
Incarnationis	3	19	44	31	51	
Arabum	1	41	21	42	48	
Yesda	4	54	33	3	40	
Alphonsi	4	10	40	9	0	

Tabula radicum medie elongationis solis et lune ad eras supradictas

	S	G	M	2a	3a
Diluvii	7	46	26	10	53
Nabuchodonosor	0	58	58	0	54
Alexandri	4	59	12	39	18
Cesaris	3	16	50	39	1
Incarnationis	3	24	25	49	46
Arabum	0	1	9	44	33
Yesda	4	26	57	32	59
Alphonsi	4	19	58	18	33

Capitulum radicis motuum … supra portionem …

Tabula radicum capitis Saturni

	S	G	M	2a	3a
Diluvii	4	43	39	47	43
Nabuchodonosor	4	56	38	55	55
Alexandri	3	46	0	47	52
Cesaris	5	29	9	17	53
Incarnationis	1	14	52	[illegible]	12
Arabum	1	58	21	0	2
Yesda	3	59	44	31	49
Persarum	2	29	42	33	55

Tabula radicum Iovis

	S	G	M	2a	3a
Diluvii	7	21	2	3	59
Nabuchodonosor	3	4	42	4	59
Alexandri	1	30	19	1	51
Cesaris	1	46	49	6	9
Incarnationis	3	0	31	20	44
Arabum	7	31	43	9	52
Persarum	4	33	58	19	10
Alphonsi	0	16	16	17	13

Tabula radicum Martis

	S	G	M	2a	3a
Diluvii	4	53	58	20	22
Nabuchodonosor	0	3	12	11	59
Alexandri	3	42	47	53	56
Cesaris	7	21	21	44	38
Incarnationis	0	4	51	29	44
Arabum	3	33	42	3	33
Persarum	7	11	55	43	52
Alphonsi	3	1	51	36	19

Tab
Tabula radicum argumenti Veneris

	S	G	M	2a	3a
Diluvii	1	5	18	39	31
Nabuchodonosor	1	12	20	16	56
Alexandri	4	0	56	31	42
Cesaris	3	32	1	44	7
Incarnationis	2	9	22	23	37
Arabum	0	41	51	11	16
Persarum	2	1	56	28	13
Alphonsi	0	44	55	54	19

Tabula argumenti radicum Mercurii

	S	G	M	2a	3a
Diluvii	7	58	59	31	14
Nabuchodonosor	0	20	29	14	51
Alexandri	0	19	56	26	52
Cesaris	2	14	22	[illegible]	6
Incarnationis	0	8	53	51	49
Arabum	1	13	26	14	32
Persarum	2	53	1	36	18
Alphonsi	3	33	18	38	56

Tabula radicum augium argumenti in motu …

	S	G	M	2a	3a
Diluvii	3	33	36	20	41
Nabuchodonosor	3	41	48	28	41
Alexandri	3	51	6	29	47
Cesaris	3	53	6	26	41
Incarnationis	3	53	29	42	4
Arabum	3	58	51	40	48
Persarum	3	48	2	3	24
Alphonsi	4	2	37	20	41

Radices augium … in motu octave spere

	S	G	M	2a	3a
Diluvii	2	10	38	41	49
Nabuchodonosor	2	28	46	41	1
Alexandri	2	10	47	45	19
Cesaris	2	33	19	51	20
Incarnationis	2	33	31	0	4
Arabum	2	38	48	58	10
Persarum	2	40	21	24	57
Alphonsi	2	43	38	41	48

Diluvii	7
Nabuchodonosor	4
Philippi	2
Alexandri	3
Incarnationis	1
Diocletiani	6
Arabum	4
Persarum	
Alphonsi	1

Tabula radicum

Radices augmenti Alfonsi	6	g	m	2	3	Radices augmenti equantis primo	6	g	m	2	3
Diluvij	1	33	24	51	41	Diluvij	2	45	55	11	44
Nabuchodonosor	1	9	42	51	41	Nabuch.	3	5	10	19	41
Alexandri	1	55	55	0	45	Alexandri	3	8	22	20	45
Cesaris	1	45	55	21	51	Cesaris	3	10	24	4	51
Incarnationis	1	55	12	13	4	Incarnationis	3	10	39	33	4
Arabum	1	59	6	11	18	Arabum	3	15	13	31	18
Persarum	1	59	40	34	24	Persarum	3	14	1	4	24
Alfonsi	2	40	33	51	41	Alfonsi	3	19	51	11	41

Tabula equationum

1	28	2	[illegible]
2	56	4	[illegible]
3	84	6	[illegible]
4	112	9	[illegible]
5	140	11	[illegible]
6	168	13	[illegible]
7	196	16	[illegible]
8	224	18	[illegible]
9	252	20	[illegible]
10	280	2	[illegible]
11	300	1	[illegible]
12	331	3	[illegible]
13	364	5	[illegible]

Tabula diversitatis aspectus lune et ad climata ad latitudinem [illegible]

Cancri ho	m	Longitudo m	Latitudo m	Leonis ho	m	Longitudo m	Latitudo m	Virginis ho	m	Longitudo m	Latitudo m	Libre ho	m	Longitudo m	Latitudo m	Scorpius ho	m	Longitudo m	Latitudo m	Sagittarius ho	m	Longitudo m	Latitudo m	Capricorni ho	m	Longitudo m	Latitudo m
8	12	26	44	8	12	35	34	6	59	45	34	6		46	21	5	1	42	24	4	10	30	32	3	41	21	41
7		28	40	7		36	32	6		45	23	5		44	22	5		42	26	4		34	33	3		22	44
6		30	31	6		36	29	5		43	22	4		41	23	4		40	28	3		30	31	2		16	46
5		29	34	5		35	21	4		40	21	3		35	29	3		36	32	2		25	41	1		8	48
4		26	31	4		32	29	3		35	20	2		30	26	2		31	34	1		19	44			0	0
3		22	21	3		28	24	2		21	24	1		24	28	1		24	38			0	0			0	0
2		16	24	2		21	23	1		19	21			0	0			0	0			0	0			0	0
1		8	23	1		14	23			0	0			0	0			0	0			0	0			0	0
Recessio 0 22				Recessio 4 34				Recessio 12 30				Recessio 1 31				Recessio 18 42				Recessio 0 46				Recessio 0 44			
1		8	23	1		2	21		4	0	0			0	0			0	0			0	0			0	0
2		16	24	2		9	30	1	4	4	33			0	0			0	0			0	0			0	0
3		22	21	3		14	32	2	6	6	31	1		8	35	1		9	44			0	0			0	0
4		26	31	4		18	35	3	11	11	40	2		0	38	2		0	46	1		1	41			0	0
5		29	34	5		20	38	4	14	14	43	3		6	42	3		6	48	2		7	48	1		8	48
6		30	31	6		21	41	5	18	18	44	4		12	41	4		11	48	2		10	49	2		16	46
7		28	40	7		20	43	6	18	11	45	5		14	48	5		14	48	4		11	48	3		22	44
8	12	26	44	7	59	18	35	6	59	11	48	6		11	49	5	1	16	48	4		18	41	3	41	21	41
ho	m	m	m	ho	m	m	m	ho	m	m	m	ho	m	m	m	ho	m	m	m	ho	m	m	m	ho	m	m	m
Cancri	Longitudo	Latitudo	Geminus		Longitudo	Latitudo	Taurus		Longitudo	Latitudo	Aries		Longitudo	Latitudo	Pisces		Longitudo	Latitudo	Aquarius		Longitudo	Latitudo	Capricorni		Longitudo	Latitudo	

[illegible marginal notes]

Tabula revolucionis annorum [illegible]

Anni	S	g	2	3
1	81	19	6	0
2	14	38	12	0
3	26	57	18	0
4	34	16	24	0
5	16	37	30	0
6	16	54	36	0
7	241	13	42	0
8	338	32	48	0
9	65	51	54	0
10	143	11	0	0
11	240	30	6	0
12	328	49	12	0
13	55	8	18	0
14	182	31	24	0
15	229	46	30	0
16	311	5	36	0
17	44	24	42	0
18	131	43	48	0
19	219	2	54	0
20	306	22	0	0
40	254	44	6	0
60	199	6	0	0
80	145	28	0	0
100	91	50	0	0
200	189	40	0	0
300	115	30	0	0
400	1	20	0	0
500	99	10	0	0
600	191	0	0	0
700	282	50	0	0
800	14	40	0	0

Anni

Tabula revolucionis annorum in diebus [illegible]

Anni	ho	m	2	3
1	5	49	16	0
2	11	38	32	0
3	17	21	48	0
4	23	14	3	0
5	5	6	20	0
6	10	6	29	0
7	16	55	52	0
8	22	44	1	0
9	4	34	24	0
10	16	23	40	0
11	16	13	56	0
12	21	7	12	0
13	4	51	28	0
14	9	40	44	0
15	15	29	9	0
16	21	19	25	0
17	2	8	42	0
18	18	57	51	0
19	14	46	13	0
20	20	36	29	0
40	16	25	58	0
60	13	50	21	0
80	9	16	56	0
100	5	41	25	0
200	13	1	49	0
360	18	14	17	0
400	0	22	39	0
500	6	29	4	0
600	12	31	28	0
700	18	44	53	0
800	0	55	18	0
		59		

[illegible] linea [illegible]

Tabula equacionis accessus et recessus [illegible]

Argumenti	S	g	m								
1	0	9	25	31	4	34	11	61	7	5	49
2	0	18	49	32	4	41	18	62	7	5	19
3	0	28	11	33	4	53	14	63	8	0	41
4	0	37	32	34	5	1	54	64	8	4	56
5	0	46	51	35	5	8	51	65	8	9	2
6	0	56	12	36	5	18	30	66	8	13	46
7	1	5	32	37	5	24	4	67	8	16	45
8	1	14	28	38	5	31	33	68	8	20	25
9	1	24	4	39	5	38	51	69	8	21	42
10	1	33	20	40	5	46	16	70	8	23	52
11	1	43	34	41	5	53	57	71	8	27	23
12	1	51	46	42	6	0	39	72	8	30	26
13	2	0	51	43	6	1	26	73	8	36	55
14	2	10	6	44	6	14	11	74	8	36	56
15	2	19	13	45	6	21	2	75	8	38	28
16	2	28	11	46	6	21	40	76	8	41	50
17	2	31	16	47	6	34	10	77	8	43	2
18	2	46	11	48	6	40	33	78	8	46	5
19	2	55	20	49	6	46	44	79	8	48	59
20	3	3	44	50	6	52	[illegible]	80	8	49	44
21	3	12	41	51	6	59	0	81	8	51	19
22	3	21	36	52	7	4	53	82	8	53	41
23	3	40	20	53	7	10	38	83	8	5	[illegible]
24	3	38	51	54	7	19	15	84	8	55	50
25	4	45	21	55	7	21	44	85	8	51	45
26	4	55	4	56	7	21	1	86	8	51	40
27	4	4	15	57	7	32	21	87	8	58	15
28	4	13	38	58	7	31	24	88	8	59	40
29	4	20	55	59	7	42	33	89	8	59	55
30	4	29	10	60	7	41	10	90	9	0	0

Equacio Equacio

[illegible]

ad media Erac
medii motus octave spere reducatur gd mi 2 3 4 5 6 — 18 10 30 40

Radix reducta ad Erac. 8 5 49 12 33 49 octave celi

Tabula continens motum accessus et recessus octave spere celi

	1	2	3	4				
1	0	0	0	0	30	24	49	0
2	0	0	0	1	0	49	38	0
3	0	0	0	1	31	14	27	0
4	0	0	0	2	1	30	16	0
5	0	0	0	2	32	4	5	0
6	0	0	0	3	2	28	54	0
7	0	0	0	3	32	53	43	0
8	0	0	0	4	3	18	32	0
9	0	0	0	4	33	43	21	0
10	0	0	0	5	4	8	10	0
11	0	0	0	5	34	32	59	0
12	0	0	0	6	4	57	48	0
13	0	0	0	6	35	22	37	0
14	0	0	0	7	5	47	36	0
15	0	0	0	7	36	12	5	0
16	0	0	0	8	6	37	4	0
17	0	0	0	8	31	1	53	0
18	0	0	0	9	7	26	42	0
19	0	0	0	9	37	51	37	0
20	0	0	0	10	8	16	20	0
21	0	0	0	10	38	41	9	0
22	0	0	0	11	9	5	58	0
23	0	0	0	11	39	30	47	0
24	0	0	0	12	9	55	36	0
25	0	0	0	12	40	20	25	0
26	0	0	0	13	10	45	14	0
27	0	0	0	13	41	10	3	0
28	0	0	0	14	11	34	52	0
29	0	0	0	14	41	59	41	0
30	0	0	0	15	12	24	30	0

	1	2	3	4	42	49	19	0
31	0	0	0	15	43	14	8	0
32	0	0	0	16	43	38	57	0
33	0	0	0	16	14	3	46	0
34	0	0	0	17	44	28	35	0
35	0	0	0	17	14	53	24	0
36	0	0	0	18	45	18	13	0
37	0	0	0	18	15	43	2	0
38	0	0	0	19	46	7	51	0
39	0	0	0	29	16	32	40	0
40	0	0	0	20	46	57	29	0
41	0	0	0	20	17	22	18	0
42	0	0	0	21	47	47	7	0
43	0	0	0	21	18	11	56	0
44	0	0	0	22	48	36	45	0
45	0	0	0	22	19	1	34	0
46	0	0	0	23	49	26	23	0
47	0	0	0	23	19	51	12	0
48	0	0	0	24	50	16	1	0
49	0	0	0	24	20	40	50	0
50	0	0	0	25	51	5	39	0
51	0	0	0	25	21	30	28	0
52	0	0	0	26	51	55	17	0
53	0	0	0	26	52	20	6	0
54	0	0	0	27	22	44	55	0
55	0	0	0	28	53	9	44	0
56	0	0	0	28	23	34	33	0
57	0	0	0	28	53	59	22	0
58	0	0	0	29	54	24	11	0
59	0	0	0	29	24	49	0	0
60	0	0	0	30				

mi s g 2 3 — mi s g 2 3 Descendens spera
2 g 2 3 — 2 g 2 3
3 2 3 — 3 2 3
4 3

Radix ad Erac reducta 8 5 | gd 49 | 4 12 | 3 33 | 2 18 | 3 18 | 8 30 | 5 40

Tabula equacionis motus augium et stellarum fixarum in [illegible]

	1	2	3	4	5								1	2	3	4							
1	0	0	0	0	5	20	41	11	12	26	30	31	0	0	0	2	14	41	19	55	27	45	30
2	0	0	0	0	8	8	22	34	24	53	0	32	0	0	0	2	19	2	3	10	38	12	0
3	0	0	0	0	13	2	4	51	31	14	30	33	0	0	0	2	23	22	42	21	50	38	30
4	0	0	0	0	17	22	40	8	49	46	0	34	0	0	0	2	27	43	23	57	3	5	30
5	0	0	0	0	21	43	26	26	2	13	30	35	0	0	0	2	32	4	5	2	15	32	30
6	0	0	0	0	26	4	34	43	14	40	0	36	0	0	0	2	36	24	46	19	21	58	0
7	0	0	0	0	30	24	49	0	31	6	30	37	0	0	0	2	40	45	21	36	40	27	30
8	0	0	0	0	34	45	30	51	39	33	0	38	0	0	0	2	45	6	8	53	55	1	0
9	0	0	0	0	39	6	11	35	51	29	30	39	0	0	0	2	49	26	50	11	59	13	30
10	0	0	0	0	43	26	52	52	4	26	0	40	0	0	0	2	53	47	31	28	14	9	0
11	0	0	0	0	47	41	34	9	16	53	30	41	0	0	0	2	58	8	42	55	30	11	30
12	0	0	0	0	52	8	15	26	29	19	0	42	0	0	0	3	2	28	54	2	32	38	0
13	0	0	0	0	56	28	56	43	41	46	30	43	0	0	0	3	6	49	35	19	55	4	30
14	0	0	0	1	0	49	38	0	54	13	0	44	0	0	0	3	11	10	16	31	1	31	0
15	0	0	0	1	5	10	19	18	6	39	34	45	0	0	0	3	15	30	21	54	19	58	30
16	0	0	0	1	9	31	0	35	19	51	0	46	0	0	0	3	19	51	39	11	39	44	0
17	0	0	0	1	13	51	43	52	31	32	30	47	0	0	0	3	24	12	20	28	45	51	30
18	0	0	0	1	18	12	23	9	43	29	0	48	0	0	0	3	28	33	1	45	11	11	0
19	0	0	0	1	22	33	4	26	56	18	30	49	0	0	0	3	32	53	43	30	4	44	30
20	0	0	0	1	26	44	45	44	8	22	0	50	0	0	0	3	37	14	29	20	22	11	0
21	0	0	0	1	31	42	21	8	21	19	30	51	0	0	0	3	41	35	5	21	24	31	30
22	0	0	0	1	35	35	8	18	33	45	0	52	0	0	0	3	45	55	46	54	41	0	0
23	0	0	0	1	39	55	49	35	46	10	30	53	0	0	0	3	50	16	28	11	59	30	30
24	0	0	0	1	44	16	30	55	58	34	0	54	0	0	0	3	54	37	4	29	14	51	0
25	0	0	0	1	48	31	12	10	11	35	30	55	0	0	0	3	58	57	50	46	24	24	30
26	0	0	0	1	52	51	53	21	23	30	0	56	0	0	0	4	3	18	32	3	36	50	0
27	0	0	0	1	57	18	34	44	35	56	30	57	0	0	0	4	7	39	13	20	49	11	30
28	0	0	0	2	1	39	16	1	48	25	0	58	0	0	0	4	11	59	54	38	14	4	0
29	0	0	0	2	5	29	51	19	0	44	30	59	0	0	0	4	16	20	35	55	14	10	30
30	0	0	0	2	10	20	38	36	13	18	0	60	0	0	0	4	20	41	11	12	26	30	0

16

8 5 4 2 3 — 4 2 3 — 2 3 — 3 — 4

8 5 4 2 3 — 2 4 2 3 — 3 2 3 — 4 3

22a

Radi…	Hab…
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0

Tabula continens medium motum Solis et aliorum

Radix ad ... reducta 4 | 38 | 11 | 21 | 36 | 31 17 39

	1	2	3	4	1						1	2	3	4	5	6	7	9	10
1	0	0	59	8	19	31	19	13	56	31	0	30	33	18	8	16	56	12	3
2	0	1	58	16	39	14	38	21	52	32	0	31	32	26	27	4	15	26	6
3	0	2	57	24	58	51	51	41	48	33	0	32	31	34	51	31	34	39	56
4	0	3	56	33	18	29	16	55	45	34	0	33	30	43	7	8	53	53	52
5	0	4	55	41	38	6	36	9	41	35	0	34	29	51	26	46	13	7	48
6	0	5	54	49	57	43	55	29	31	36	0	35	28	59	26	23	32	51	45
7	0	6	53	58	17	21	14	31	34	37	0	36	28	8	6	0	51	37	40
8	0	7	53	6	36	58	33	51	30	38	0	37	27	16	21	38	10	49	36
9	0	8	52	14	56	35	53	5	26	39	0	38	26	24	27	14	30	3	32
10	0	9	51	23	16	13	12	19	22	40	0	39	25	33	5	52	49	11	29
11	0	10	50	31	35	58	31	33	18	41	0	40	24	41	24	30	8	31	27
12	0	11	49	39	55	27	50	41	15	42	0	41	23	49	44	1	21	45	51
13	0	12	48	48	15	5	10	1	11	43	0	42	22	58	3	44	48	49	18
14	0	13	47	56	34	45	29	17	7	44	0	43	22	6	23	22	6	13	14
15	0	14	47	4	54	19	48	29	3	45	0	44	21	14	42	59	25	21	10
16	0	15	46	13	13	51	7	43	0	46	0	45	20	23	2	36	44	41	6
17	0	16	45	21	33	34	26	56	56	47	0	46	19	31	22	14	30	25	3
18	0	17	44	29	53	11	46	10	52	48	0	47	18	39	41	51	22	8	59
19	0	18	43	38	12	49	5	24	48	49	0	48	17	48	1	28	42	22	55
20	0	19	42	46	32	6	24	38	45	50	0	49	16	56	21	6	1	36	41
21	0	20	41	54	52	3	23	50	41	51	0	50	16	4	40	43	20	29	41
22	0	21	41	3	11	41	3	6	31	52	0	51	15	13	0	20	40	44	48
23	0	22	40	11	31	18	22	20	33	53	0	52	14	21	19	57	59	18	40
24	0	23	39	19	50	55	40	39	29	54	0	53	13	29	39	37	18	32	36
25	0	24	38	28	10	33	0	48	26	55	0	54	12	37	59	12	31	46	32
26	0	25	37	36	30	10	20	3	22	56	0	55	11	46	18	49	41	0	29
27	0	26	36	44	49	47	39	16	18	57	0	56	10	54	38	21	16	14	25
28	0	27	35	53	9	24	58	30	14	58	0	57	10	2	58	4	35	28	21
29	0	28	35	1	29	2	11	47	11	59	0	58	9	11	17	41	28	53	17
30	0	29	34	9	48	39	36	58	7	60	0	59	8	19	37	19	13	56	13

[illegible]

Radix ad ... reducta 4 | 38 | 11 | 23 | 39 | 55 | 59

Radix reducta ad Cracoviam — sig. 3, gra. 18, m. 13, 2ª 12, 3ª 29, 4ª 3

Tabula continens medium motum argumenti lune etc.

1	0	13	3	53	51	30	51	4	13	31	6	45	0	52	42	40	53	10 43
2	0	26	7	47	55	0	42	8	26	32	6	58	4	46	40	11	14	14 56
3	0	39	11	41	52	31	3	12	30	33	7	11	8	40	31	41	35	19 9
4	0	52	15	35	50	1	24	16	52	34	7	24	12	34	35	11	56	23 22
5	1	5	19	29	51	31	45	21	5	35	7	37	16	28	32	42	11	21 35
6	1	18	23	23	55	2	6	25	18	36	7	50	20	22	30	12	38	31 48
7	1	31	27	17	52	32	27	29	31	37	8	3	24	16	21	42	59	36 1
8	1	44	31	11	50	2	48	33	44	38	8	16	28	10	25	13	20	40 14
9	1	57	35	5	31	33	9	37	5	39	8	29	32	4	22	43	41	44 21
8ª 10	2	10	38	59	35	3	30	42	10	40	8	42	35	58	20	14	2	48 40
33 11	2	23	42	53	32	3	51	46	23	41	9	55	39	52	11	44	23	52 53
36 12	2	36	46	47	30	4	12	50	36	42	9	8	40	46	15	14	44	11 6
13	2	49	50	41	21	4	33	54	49	43	9	21	44	40	12	45	6	1 19
14	3	2	54	35	25	4	54	59	2	44	9	34	51	34	10	15	31	5 32
15	3	15	58	29	22	37	16	3	17	45	9	47	55	28	1	41	48	9 55
16	3	29	2	23	20	5	37	7	28	46	10	0	59	22	5	16	9	13 58
17	3	42	6	17	11	36	58	11	41	47	10	14	3	16	2	46	30	18 11
18	3	55	10	11	15	6	19	15	54	48	10	27	7	10	0	16	51	22 24
19	4	8	14	5	12	36	40	20	7	49	10	40	11	3	51	41	12	26 31
20	4	21	17	59	10	7	1	24	20	50	10	53	14	57	55	17	33	30 50
21	4	34	21	53	1	38	22	28	33	51	11	6	18	51	52	41	4	37 9
22	4	47	25	47	5	8	43	32	46	52	11	19	22	45	50	18	11	39 16
23	5	0	29	41	2	38	4	36	59	53	13	32	26	39	51	48	36	44 29
24	5	13	33	35	0	8	25	45	41	54	11	45	30	33	55	18	51	44 42
25	5	26	37	29	51	38	46	45	25	55	11	58	34	27	52	49	18	51 55
26	5	39	41	23	55	9	7	49	38	56	12	11	38	21	40	19	39	56 8
27	5	52	45	17	52	39	~~28~~	~~53~~	~~59~~	57	12	24	42	15	31	50	1	0 21
28	6	5	49	10	50	9	28	53	54	58	12	37	46	9	35	20	22	5 30
29	6	18	53	5	51	40	49	58	4	59	12	50	50	3	32	50	43	8 41
30	6	31	56	58	57	10	11	4	11	60	12	3	53	55	30	21	4	13 0
sig	gra	m	2	3	Pena	32	6	30		sig	gra	m	2	3				

sig. gra. m. 2. 3. — gra. m. 2 — m. 2 — 3

sig. gra. m. 2. 3 — gra. m. 2. 3 — m. 2 — 3

Radix Cracoviensis reducta — 6/3, 18, 12, 20, 13, 26, 9

Radix ad tractatum reducta | Sig 2 | g 1 | m 19 | 2 24 | 3 10 | 4 31

Tabula continens medium motum lune etc.

1	0	13	10	35	1	15	11	4	35	31	6	48	28	5	38	50	43	22	5
2	0	26	21	10	2	30	22	9	10	32	7	1	38	40	40	5	54	26	40
3	0	39	31	45	3	45	33	13	45	33	7	14	49	15	41	21	5	31	15
4	0	52	42	20	5	0	44	18	20	34	7	27	59	50	42	36	16	35	50
5	1	5	52	55	6	15	55	22	55	35	7	41	10	25	43	51	27	40	25
6	1	19	3	30	7	31	6	27	30	36	7	54	21	0	45	6	38	45	0
7	1	32	14	5	8	46	17	32	5	37	8	7	31	35	46	21	49	49	35
8	1	45	24	40	10	1	28	36	40	38	8	20	42	10	47	37	0	54	10
9	1	58	35	15	11	16	39	41	15	39	8	33	52	45	48	52	11	58	45
10	2	11	45	50	12	31	50	45	50	40	8	47	3	20	50	7	23	3	20
11	2	24	56	25	13	47	1	50	25	41	9	0	13	55	51	22	34	7	55
12	2	38	7	0	15	2	12	55	0	42	9	13	24	30	52	37	45	13	30
13	2	51	17	35	16	17	23	59	35	43	9	26	35	5	53	52	56	17	5
14	3	4	28	10	17	32	35	4	10	44	9	39	45	40	55	8	7	21	40
15	3	17	38	45	18	47	46	8	45	45	9	52	56	15	56	23	18	26	15
16	3	30	49	20	20	2	57	13	20	46	10	6	6	50	57	38	29	30	50
17	3	43	59	55	21	18	8	17	55	47	10	19	17	25	58	53	40	35	25
18	3	57	10	30	22	33	19	22	30	48	10	32	28	1	60	8	51	40	0
19	4	10	21	5	23	48	30	27	5	49	10	45	38	36	1	24	2	44	35
20	4	23	31	40	25	3	41	31	40	50	10	58	49	11	2	39	13	49	10
21	4	36	42	15	26	18	52	36	15	51	11	11	59	46	3	54	24	53	45
22	4	49	52	50	27	34	3	40	50	52	11	25	10	21	5	9	35	58	20
23	5	3	3	25	28	49	14	45	25	53	11	38	20	56	6	24	47	2	55
24	5	16	14	0	30	4	25	50	0	54	12	51	31	31	7	39	58	7	30
25	5	29	24	35	31	19	36	54	35	55	12	4	42	6	8	55	9	12	5
26	5	42	35	10	32	34	47	59	10	56	12	17	52	41	10	10	20	16	40
27	5	55	45	45	33	49	59	3	45	57	12	31	3	16	11	25	31	21	15
28	6	8	56	20	35	5	10	8	20	58	12	44	13	51	12	40	42	25	50
29	6	22	6	55	36	20	21	12	55	59	12	57	24	26	13	55	53	30	25
30	6	35	17	30	37	35	32	17	30	60	13	10	35	1	15	11	4	35	0

m	g	m	2	3
2	m	2	3	
3	2	3		
4	3			

m	g	m	2	3
2	m	2	3	
3	2	3		
4	3			

Radix lune ad tract. reducta | 2 | 1 | 58 | 31 | 28 | 16 | 5

Radix reducta ad Cracoviam 3 33 55 7 26 18

Tabula continens motum argumenti latitudinis lune

	1	2	3	4																
1	0	13	13	45	39	22	25	53	45	31	31	6	50	6	35	20	35	22	46	15
2	0	26	27	31	18	44	51	47	30	32	32	7	3	20	20	59	57	48	40	0
3	0	39	41	16	58	7	17	41	15	33	33	7	16	34	6	34	20	18	33	45
4	0	52	55	2	37	29	43	35	0	34	34	7	29	47	52	18	42	[illegible]	27	30
5	1	6	8	48	16	52	9	28	45	35	35	7	43	1	37	58	5	6	21	15
6	1	19	22	33	56	14	35	22	30	36	36	7	56	15	23	37	27	32	15	0
7	1	32	36	19	35	37	1	16	15	37	37	8	9	29	9	16	49	58	8	45
8	1	45	50	5	14	59	27	10	0	38	38	8	22	42	54	56	12	24	2	30
9	1	59	3	50	54	21	53	3	45	39	39	8	35	56	40	35	34	49	56	15
10	2	12	17	36	33	44	18	57	30	40	40	8	49	10	36	14	57	15	50	0
11	2	25	31	22	13	6	44	51	15	41	41	9	2	24	11	54	19	41	43	45
12	2	38	45	7	52	29	10	45	0	42	42	9	15	37	57	33	42	7	37	30
13	2	51	58	53	31	51	36	28	45	43	43	9	28	51	43	13	4	33	31	15
14	3	5	12	39	11	14	2	32	30	44	44	9	42	5	28	52	26	59	25	0
15	3	18	26	24	50	36	28	26	15	45	45	9	55	19	14	31	49	25	18	45
16	3	31	40	10	29	58	54	20	0	46	46	10	8	33	0	11	11	51	12	30
17	3	44	53	56	9	21	20	13	45	47	47	10	21	46	45	50	34	17	6	15
18	3	58	7	41	48	43	46	7	30	48	48	10	35	0	31	29	56	43	0	0
19	4	11	21	27	28	6	12	1	15	49	49	10	48	14	17	9	19	8	53	45
20	4	24	35	13	7	28	37	55	0	51	50	11	1	28	2	48	41	34	47	30
21	4	37	48	58	46	51	3	48	45	52	51	11	14	41	48	28	4	0	41	15
22	4	51	2	44	26	13	29	42	30	53	52	11	27	55	34	7	26	26	35	0
23	5	4	16	30	5	35	55	36	15	[illegible]	53	11	41	9	19	46	48	52	28	45
24	5	17	30	15	44	58	21	30	0	[illegible]	54	11	54	23	5	26	11	18	22	30
25	5	30	44	44	24	20	47	23	45	56	55	12	7	36	51	5	33	44	16	15
26	5	43	57	47	3	43	13	17	30	57	56	12	20	50	36	44	56	10	10	0
27	5	57	11	18	43	5	39	11	15	7	57	12	34	4	22	24	18	36	3	45
28	6	10	25	18	22	28	5	5	0		58	13	47	18	8	3	41	1	57	30
29	6	23	39	4	1	50	30	58	45		59	13	0	31	53	43	3	27	51	15
30	6	36	52	49	41	12	56	52	30		60	13	13	45	39	22	25	53	45	0

Radix ad Crac. [illegible] 3 33 55 12 30 14 38

3 33 55 7 26 va

Radix ad tractatum reducta	s	g	m	2	3	4	5
	1	31	55	41	16	42	57

Tabula continens medium motum capitis draconis

	1	2	3	4							1	2	3	4					
1	0	0	3	10	38	7	14	49	10	31	0	1	38	29	41	44	39	24	10
2	0	0	6	21	16	14	29	38	20	32	0	1	41	40	19	51	54	13	20
3	0	0	9	31	54	21	44	27	30	33	0	1	44	50	36/57	6/59	23	51	30
4	0	0	12	42	32	28	59	16	40	34	0	1	48	1	36	59	9	2	40
5	0	0	15	53	10	36	14	5	50	35	0	1	51	12	14	13	38	40	50
6	0	0	19	3	48	43	28	55	0	36	0	1	54	22	52	20	53	30	0
7	0	0	22	14	26	50	43	44	10	37	0	1	57	33	30	28	8	19	10
8	0	0	25	25	4	57	58	33	20	38	0	2	0	44	8	35	23	8	20
9	0	0	28	35	43	5	13	22	30	39	0	2	3	54	46	42	37	57	30
10	0	0	31	46	21	12	28	11	40	40	0	2	7	5	24	49	52	46	40
11	0	0	34	56	59	19	43	0	50	41	0	2	10	16	2	57	7	35	50
12	0	0	38	7	37	26	57	50	0	42	0	2	13	26	41	4	22	25	0
13	0	0	41	18	15	34	12	39	10	43	0	2	16	37	19	11	37	14	10
14	0	0	44	28	53	41	27	28	20	44	0	2	19	47	57	18	52	3	20
15	0	0	47	39	31	48	42	17	30	45	0	2	22	58	35	26	6	52	30
16	0	0	50	50	9	55	57	6	40	46	0	2	26	9	13	33	21	41	40
17	0	0	54	0	48	3	11	55	50	47	0	2	29	13	51	40	36	30	50
18	0	0	57	11	26	10	26	45	0	48	0	2	32	30	29	47	51	20	0
19	0	1	0	22	4	17	41	34	10	49	0	2	35	6	7	55	6	9	10
20	0	1	3	32	42	24	56	23	20	50	0	2	38	21	46	2	20	48	20
21	0	1	6	43	20	32	11	12	30	51	0	2	42	33	24	9	35	41	30
22	0	1	9	53	58	39	26	1	40	52	0	2	45	50	20	16	50	36	40
23	0	1	13	4	36	46	40	50	50	53	0	2	48	5	40	2	45	25	50
24	0	1	16	15	14	53	55	40	0	54	0	2	51	10	18	31	20	15	10
25	0	1	19	25	53	1	10	29	10	55	0	2	54	35	40	38	35	8	10
26	0	1	22	36	31	8	25	18	20	56	0	2	57	44	34	47	49	53	20
27	0	1	25	47	9	15	40	7	30	57	0	3	1	4	12	53	4	42	30
28	0	1	28	57	47	22	54	56	40	58	0	3	4	19	51	0	11	31	40
29	0	1	32	8	25	30	9	45	50	59	0	3	7	34	29	7	39	20	50
30	0	1	35	19	3	37	24	35	0	60	0	3	10	38	7	14	49	10	0

s g m 2 3
g m 2 3
m 2 3
2 3

[illegible] tract. [illegible]	s	g	m	2	3	4	5
	1	31	55	41	12	0	14

Radix ad [illegible] reducta 3 23 41 56 33

Tabula continens medium motum elongacionis lune a sole

	1	2	3	4	5	6	7	8	9
1	0	12	11	26	41	37	51	50	39
2	0	24	22	53	23	15	43	41	18
3	0	36	34	20	4	53	35	31	56
4	0	48	45	46	46	31	27	22	35
5	1	0	57	13	28	9	19	13	14
6	1	13	8	40	9	47	11	3	53
7	1	25	20	6	51	25	2	54	31
8	1	37	31	33	33	2	54	45	10
9	1	49	43	0	14	40	46	35	49
10	2	1	54	26	56	18	38	26	28
11	2	14	5	53	37	56	30	17	7
12	2	26	17	20	19	34	22	7	45
13	2	38	28	47	1	12	13	58	24
14	2	50	40	13	42	50	5	49	3
15	3	2	51	40	24	27	57	39	42
16	3	15	3	7	6	5	49	30	20
17	3	27	14	33	47	43	41	20	59
18	3	39	26	0	29	21	33	11	38
19	3	51	37	27	10	59	25	2	17
20	4	3	48	53	52	37	16	52	55
21	4	16	0	20	34	15	8	43	34
22	4	28	11	47	15	53	0	34	13
23	4	40	23	13	57	30	52	24	52
24	4	52	34	40	39	8	44	15	31
25	5	4	46	7	20	46	36	6	10
26	5	16	57	34	2	24	27	56	48
27	5	29	9	0	44	2	19	47	27
28	5	41	20	27	25	40	11	38	6
29	5	53	31	54	7	18	3	28	44
30	6	5	43	20	48	55	55	19	23

1	1	2	3	4	5	6	7	8	9	10
31	6	17	54	47	30	33	47	10	10	2
32	6	30	6	14	12	11	39	0	0	40
33	6	42	17	40	53	49	30	51	51	19
34	6	54	29	7	35	27	21	42	42	58
35	7	6	40	34	17	5	14	32	32	37
36	7	18	52	0	58	43	6	[illegible]	23	16
37	7	31	3	27	40	20	58	[illegible]	13	55
38	7	43	14	54	21	58	50	[illegible]	4	34
39	8	55	26	21	3	36	41	26	55	12
40	8	7	37	47	45	14	33	[illegible]	45	51
41	8	19	49	14	26	52	25	[illegible]	36	30
42	8	32	0	41	8	30	17	8	27	9
43	8	44	12	7	50	8	9	[illegible]	17	48
44	9	56	23	34	31	46	1	[illegible]	8	26
45	9	8	35	1	13	23	52	40	59	5
46	9	20	46	27	55	1	44	41	49	44
47	9	32	57	54	36	39	36	11	40	22
48	9	45	9	21	18	17	28	12	31	1
49	9	57	20	47	59	55	20	[illegible]	21	40
50	10	9	32	14	41	33	12	[illegible]	12	19
51	10	21	43	41	23	11	4	[illegible]	2	58
52	10	33	55	8	4	48	55	[illegible]	53	36
53	10	46	6	34	46	26	47	48	44	17
54	10	58	18	1	28	4	39	6	34	54
55	11	10	29	28	9	42	31	6	25	33
56	11	22	40	54	51	20	23	55	16	11
57	11	34	52	21	32	58	15	[illegible]	6	50
58	11	47	3	48	14	36	6	[illegible]	57	29
59	11	59	15	14	56	13	58	[illegible]	48	8
60	12	11	26	41	37	51	50	[illegible]	38	47

[illegible]

Radix Ad[illegible] reducta 3 23 41 11 48 7 22

Ista est radix [illegible] quam [illegible] pro eclipsis [illegible]

Tabula continens medium motum Saturni etc.

Radix medii motus Saturni ad Crac. reducta — 1 14 5 12 49 50 35

	1	2	3	4				
1	0	0	2	0	35	17	40	21
2	0	0	4	1	10	35	20	42
3	0	0	6	1	45	53	1	3
4	0	0	8	2	21	10	41	24
5	0	0	10	2	56	28	21	45
6	0	0	12	3	31	46	2	6
7	0	0	14	4	7	3	42	27
8	0	0	16	4	42	21	22	48
9	0	0	18	5	17	39	3	9
10	0	0	20	5	52	56	43	30
11	0	0	22	6	28	14	23	51
12	0	0	24	7	3	32	4	12
13	0	0	26	7	38	49	44	33
14	0	0	28	8	14	7	24	54
15	0	0	30	8	49	25	5	15
16	0	0	32	9	24	42	45	36
17	0	0	34	10	0	0	25	57
18	0	0	36	10	35	18	6	18
19	0	0	38	11	10	35	46	39
20	0	0	40	11	45	53	27	0
21	0	0	42	12	21	11	7	21
22	0	0	44	12	56	28	47	42
23	0	0	46	13	31	46	28	3
24	0	0	48	14	7	4	8	24
25	0	0	50	14	42	21	48	45
26	0	0	52	15	17	39	29	6
27	0	0	54	15	52	57	9	27
28	0	0	56	16	28	14	49	48
29	0	0	58	17	3	32	30	9
30	0	1	0	17	38	50	10	30

	1	2	3	4				
31	0	1	2	18	14	7	50	51
32	0	1	4	18	49	25	31	12
33	0	1	6	19	24	43	11	33
34	0	1	8	20	0	0	51	54
35	0	1	10	20	35	18	32	15
36	0	1	12	21	10	36	12	36
37	0	1	14	21	45	53	52	57
38	0	1	16	22	21	11	33	18
39	0	1	18	22	56	29	13	39
40	0	1	20	23	31	46	54	0
41	0	1	22	24	7	4	34	21
42	0	1	24	24	42	22	14	42
43	0	1	26	25	17	39	55	3
44	0	1	28	25	52	57	35	24
45	0	1	30	26	28	15	15	45
46	0	1	32	27	3	32	56	6
47	0	1	34	27	38	50	36	27
48 49	0	1	36	28	14	8	16	48
49 50	0	1	38	28	49	25	57	9
50 51	0	1	40	29	24	43	37	30
51 52	0	1	42	30	0	1	17	51
52 53	0	1	44	30	35	18	58	12
53 54	0	1	46	31	10	36	38	33
54 55	0	1	48	31	45	54	18	54
55 56	0	1	50	32	21	11	59	15
56 57	0	1	52	32	56	29	39	36
57 58	0	1	54	33	31	47	19	57
58 59	0	1	56	34	7	5	0	18
59	0	1	58	34	42	22	40	39
60	0	2	0	35	17	40	21	0

Tabula continens medium motum solis Iouis
Radix ad Crac. reducta medii motus Iouis 3 0 31 2 26 43 24

	1	2	3	4	5	6			
1	0	0	4	59	15	27	7	23	50
2	0	0	9	58	30	54	14	47	40
3	0	0	14	57	46	21	22	11	30
4	0	0	19	56	1	48	29	35	20
5	0	0	24	56	17	15	36	59	10
6	0	0	29	55	32	42	44	23	0
7	0	0	34	54	48	9	51	46	50
8	0	0	39	54	3	36	59	10	40
9	0	0	44	53	19	4	6	34	30
10	0	0	49	52	34	31	13	58	20
11	0	0	54	51	49	58	21	22	10
12	0	0	59	51	5	25	28	46	0
13	0	1	4	50	20	52	36	9	50
14	0	1	9	49	36	19	43	33	40
15	0	1	14	48	51	46	50	57	30
16	0	1	19	48	7	19	58	21	20
17	0	1	24	47	22	41	5	45	10
18	0	1	29	46	38	8	13	9	0
19	0	1	34	45	53	31	20	22	50
20	0	1	39	45	9	2	27	56	40
21	0	1	44	44	24	29	35	20	30
22	0	1	49	43	33	56	42	42	20
23	0	1	54	42	55	23	50	8	10
24	0	1	59	42	10	50	57	32	0
25	0	2	4	41	26	18	4	55	50
26	0	2	9	40	41	45	12	19	40
27	0	2	14	39	57	12	19	43	30
28	0	2	19	38	12	39	27	7	20
29	0	2	24	38	28	6	34	31	10
30	0	2	29	37	43	33	41	55	0
1	5	2							
2	1	3							
3	2								
4	3								

	1	2	3	4	5	6	7	8	9
31	0	2	34	36	59	0	49	18	50
32	0	2	39	36	14	27	56	42	40
33	0	2	44	35	29	55	4	6	30
34	0	2	49	34	45	22	11	30	20
35	0	2	54	34	0	49	18	54	10
36	0	2	59	33	16	16	26	18	0
37	0	3	4	32	31	43	33	41	50
38	0	3	9	31	47	10	41	5	40
39	0	3	14	31	2	37	48	29	30
40	0	3	19	30	18	4	55	53	20
41	0	3	24	29	33	32	3	17	10
42	0	3	29	28	48	59	10	41	0
43	0	3	34	28	4	26	18	4	50
44	0	3	39	27	19	53	25	28	40
45	0	3	44	26	35	20	32	52	30
46	0	3	49	25	50	47	40	16	20
47	0	3	54	25	6	14	47	40	10
48	0	3	59	24	21	41	55	4	0
49	0	4	4	23	37	9	2	27	50
50	0	4	9	22	52	36	9	51	40
51	0	4	14	22	8	3	17	15	30
52	0	4	19	21	23	30	24	39	20
53	0	4	24	20	38	57	32	3	10
54	0	4	29	19	54	24	39	27	0
55	0	4	34	19	9	51	46	50	50
56	0	4	39	18	25	18	54	14	40
57	0	4	44	17	40	46	1	38	30
58	0	4	49	16	56	13	9	2	20
59	0	4	54	16	11	40	16	26	10
60	0	4	59	15	27	7	23	50	0
1	5	1	2	3					
2	1	2	3						
3	2	3							
4	4								

Radix Mercurii ad Christi ... 0 45 12 34 30 31 44

Tabula continens medium motum argumenti Mercurii

	1	2	3	4				
1	0	3	6	24	7	42	40	52
2	0	6	12	48	15	25	21	44
3	0	9	19	12	23	8	2	36
4	0	12	25	36	30	50	43	28
5	0	15	32	0	38	33	24	20
6	0	18	38	24	46	16	5	12
7	0	21	44	48	53	58	46	4
8	0	24	51	13	1	41	26	56
9	0	27	57	37	9	24	7	48
10	0	31	4	1	17	6	48	40
11	0	34	10	25	24	49	29	32
12	0	37	16	49	32	32	10	24
13	0	40	23	13	40	14	51	16
14	0	43	29	37	47	57	32	8
15	0	46	36	1	55	40	13	0
16	0	49	42	26	3	22	53	52
17	0	52	48	50	11	5	34	44
18	0	55	55	14	18	48	15	36
19	0	59	1	38	26	30	56	28
20	0	2	8	2	34	13	37	20
21	0	5	14	26	41	56	18	12
22	0	8	20	50	49	38	59	4
23	0	11	27	14	57	21	39	56
24	0	14	33	39	5	4	20	48
25	0	17	40	3	12	47	1	40
26	0	20	46	27	20	29	42	32
27	0	23	52	51	28	12	23	24
28	0	26	59	15	35	55	4	16
29	0	30	5	39	43	37	45	8
30	0	33	12	3	51	20	26	0
[illegible]	8	42	24	5	40			
[illegible]	8	8	2	3	4			
2	42		3	4				
3	23		2					
4	3							

	1	2	3	4				
31	1	36	18	27	59	3	6	52
32	1	39	24	52	6	45	47	44
33	1	42	31	16	14	28	28	36
34	1	45	37	40	22	11	9	28
35	1	48	44	4	29	53	50	20
36	1	51	50	28	37	36	31	12
37	1	54	56	52	45	19	12	4
38	1	58	3	16	53	1	52	56
39	2	1	9	41	0	44	33	48
40	2	4	16	5	8	21	14	40
41	2	7	22	29	16	9	55	32
42	2	10	28	53	23	52	36	24
43	2	13	35	17	31	35	17	16
44	2	16	41	41	39	17	58	8
45	2	19	48	5	40	0	30	0
46							19	
46	2	22	54	29	54	43	19	52
47	2	26	0	54	2	26	0	44
48	2	29	7	18	10	8	41	36
49	2	32	13	42	17	51	22	28
50	2	35	20	6	25	34	3	20
51	2	38	26	30	33	16	44	12
52	2	41	32	54	40	59	25	4
53	2	44	39	18	48	42	5	56
54	2	47	45	42	56	24	46	48
55	2	50	52	7	4	7	27	40
56	2	53	58	31	11	50	8	32
57	2	57	4	55	19	32	49	24
58	3	0	11	19	27	15	30	16
59	3	3	17	43	34	58	11	8
60	3	6	24	7	42	40	52	0
[illegible]	8	42	2	4	4			
2	42	3	9					
4	2	3						
4	9							

Tabula continens medium motum martis

Radix ad Crac[oviam] reducta medii motus martis — Si. g. m. 2 3 4 5 — 0 41 23 35 26 18 14

1	2	3	4	5	6	7	8	9
1	0	0	31	26	38	40	5	0
2	0	1	2	53	17	20	10	0
3	0	1	34	19	56	0	15	0
4	0	2	5	46	34	40	20	0
5	0	2	37	13	13	20	0	0
6	0	3	8	39	52	0	40	0
7	0	3	40	6	30	40	35	0
8	0	4	11	33	9	20	40	0
9	0	4	42	59	48	0	45	0
10	0	5	14	26	26	40	50	0
11	0	5	45	53	5	20	0	0
12	0	6	17	19	44	1	5	0
13	0	6	48	46	22	41	10	0
14	0	7	20	13	1	21	15	0
15	0	7	51	39	40	1	20	0
16	0	8	23	6	18	41	25	0
17	0	8	54	32	57	21	30	0
18	0	9	25	59	36	1	35	0
19	0	9	57	26	14	41	40	0
20	0	10	28	52	53	21	45	0
21	0	11	0	19	32	1	55	0
22	0	11	31	46	10	41	0	0
23	0	12	3	12	49	21		0
24	0	12	34	39	28	2	19	0
25	0	13	6	6	6	42	15	0
26	0	13	37	32	45	22	20	0
27	0	14	8	59	24	2	[illegible]	0
28	0	14	40	26	2	42	30	0
29	0	15	11	52	41	22		0
30	0	15	43	19	20	2		0
31	0	16	14	45	58	42	35	0
32	0	16	46	12	37	22	40	0
33	0	17	17	39	16	2	45	0
34	0	17	49	5	54	42	50	0
35	0	18	20	32	33	22	55	0
36	0	18	51	59	12	3	0	0
37	0	19	23	25	50	43	5	0
38	0	19	54	52	29	23	10	0
39	0	20	26	19	8	3	15	0
40	0	20	57	45	46	43	20	0
41	0	21	29	12	25	23	25	0
42	0	22	0	39	4	3	30	0
43	0	22	32	5	42	43	35	0
44	0	23	3	32	21	23	40	0
45	0	23	34	59	0	3	45	0
46	0	24	6	25	38	43	50	0
47	0	24	37	52	17	23	55	0
48	0	25	9	18	56	4	0	0
49	0	25	40	45	34	44	5	0
50	0	26	12	12	13	24	10	0
51	0	26	43	38	52	4	15	0
52	0	27	15	5	30	44	20	0
53	0	27	46	32	9	24	25	0
54	0	28	17	58	48	4	30	0
55	0	28	49	25	26	44	35	0
56	0	29	20	52	5	24	40	0
57	0	29	52	18	44	4	45	0
58	0	30	23	45	22	44	50	0
59	0	30	55	12	1	24	55	0
60	0	31	26	38	40	5	0	0

4	5	4	2	3
2	4	2	3	
3	3	4		
4	3			

4	8	4	2	3
2	4	2	3	
3	2	3		
4	3			

[illegible] radix reducta 2 9 19 46 56 37 49 33

Tabula continens medium motum augmenti [illegible]

	1	2	3	4	5	6	7	8
1	0	0	36	59	27	23	59	31
2	0	1	13	58	54	47	59	2
3	0	1	50	58	22	11	58	33
4	0	2	27	57	49	35	58	4
5	0	3	4	57	16	59	57	35
6	0	3	41	56	44	23	57	6
7	0	4	18	56	11	47	56	37
8	0	4	55	55	39	11	56	8
9	0	5	32	55	6	35	55	39
10	0	6	9	54	33	59	55	10
11	0	6	46	54	1	23	54	41
12	0	7	23	53	28	47	54	12
13	0	8	0	52	56	11	53	43
14	0	8	37	52	23	35	53	14
15	0	9	14	51	50	59	52	45
16	0	9	51	51	18	23	52	16
17	0	10	28	50	45	47	51	47
18	0	11	5	50	13	2	51	18
19	0	11	42	49	40	26	50	49
20	0	12	19	49	7	50	50	20
21	0	12	56	48	35	14	49	51
22	0	13	33	48	2	38	49	22
23	0	14	10	47	30	2	48	53
24	0	14	47	46	57	26	48	24
25	0	15	24	46	24	50	47	55
26	0	16	1	45	52	14	47	26
27	0	16	38	45	19	38	46	57
28	0	17	15	44	47	2	46	28
29	0	17	52	44	14	26	45	59
30	0	18	29	43	41	50	45	30
31	0	19	6	43	9	14	45	1
32	0	19	43	42	36	47	44	32
33	0	20	20	42	4	11	44	3
34	0	20	57	41	31	35	43	34
35	0	21	34	40	58	59	43	5
36	0	22	11	40	26	23	42	36
37	0	22	48	39	53	47	42	7
38	0	23	25	39	21	11	41	38
39	0	24	2	38	48	35	41	9
40	0	24	39	38	15	59	40	40
41	0	25	16	37	43	23	40	11
42	0	25	53	37	10	47	39	42
43	0	26	30	36	38	11	39	13
44	0	27	7	36	5	35	38	44
45	0	27	44	35	32	59	38	15
46	0	28	21	35	0	23	37	46
47	0	28	58	34	27	47	37	17
48	0	29	35	33	55	11	36	48
49	0	30	12	33	22	35	36	19
50	0	30	49	32	49	59	35	50
51	0	31	26	32	17	23	35	21
52	0	32	3	31	44	47	34	52
53	0	32	40	31	12	11	34	23
54	0	33	17	30	39	35	33	54
55	0	33	54	30	6	59	33	25
56	0	34	31	29	34	23	32	56
57	0	35	8	29	1	47	32	27
58	0	35	45	28	29	11	31	58
59	0	36	22	27	56	35	31	29
60	0	36	59	27	23	59	31	0

4 2 3
4 2 3
2 3
3

Tabula equacionis solis prima

Linee	Signa	Gradus	Equacio solis					Linee signa gradus				Equacio solis				Linea communis				Equacio solis		
S	S	G	S	G	M	2a		S	G	S	G	S	G	M	2a	S	G	S	G	S	G	M
0	0	1	5	59	4	2	10	4	31	5	29	1	4	6	00	1	1	4	59	1	51	51
0	0	2	5	58	4	4	19	4	32	5	28	1	6	21	00	1	2	4	58	1	52	56
0	0	3	5	57	4	6	21	4	33	5	27	1	8	28	00	1	3	4	57	1	54	0
0		4	5	56	4	8	36	4	34	5	26	1	10	14	00	1	4	4	56	1	55	6
0		5	5	55	4	10	44	4	35	5	25	1	12	4	00	1	5	4	55	1	56	9
0		6	5	54	4	12	42	4	36	5	24	1	13	58	00	1	6	4	54	1	57	11
0		7	5	53	4	14	1	4	37	5	23	1	15	41	40	1	7	4	53	1	58	2
0		8	5	52	4	16	10	4	38	5	22	1	17	24	00	1	8	4	52	1	58	52
0		9	5	51	4	19	4	4	39	5	21	1	19	6	00	1	9	4	51	1	59	41
0		10	5	50	4	21	28	4	40	5	20	1	20	48	00	1	10	4	50	2	0	26
0		11	5	49	4	23	36	4	41	5	19	1	22	29	00	1	11	4	49	2	1	16
0		12	5	48	4	25	47	4	42	5	18	1	24	10	00	1	12	4	48	2	2	2
0		13	5	47	4	27	53	4	43	5	17	1	25	50	00	1	13	4	47	2	2	42
0		14	5	46	4	30	1	4	44	5	16	1	27	20	00	1	14	4	46	2	3	21
0		15	5	45	4	32	8	4	45	5	15	1	28	48	00	1	15	4	45	2	3	59
0		16	5	44	4	34	6	4	46	5	14	1	30	46	00	1	16	4	44	2	4	36
0		17	5	43	4	36	23	4	47	5	13	1	32	23	00	1	17	4	43	2	5	16
0		18	5	42	4	38	30	4	48	5	12	1	33	49	00	1	18	4	42	2	5	48
0		19	5	41	4	40	31	4	49	5	11	1	35	39	00	1	19	4	41	2	6	17
0		20	5	40	4	42	43	4	50	5	10	1	36	49	00	1	20	4	40	2	6	47
0		21	5	39	4	44	44	4	51	5	9	1	38	39	00	1	21	4	39	2	7	12
0		22	5	38	4	46	57	4	52	5	8	1	39	48	00	1	22	4	38	2	7	31
0		23	5	37	4	48	49	4	53	5	7	1	41	21	00	1	23	4	37	2	8	2
0		24	5	36	4	51	4	4	54	5	6	1	42	54	00	1	24	4	36	2	8	21
0		25	5	35	4	53	4	4	55	5	5	1	44	14	00	1	25	4	35	2	8	47
0		26	5	34	4	55	2	4	56	5	4	1	45	32	00	1	26	4	34	2	9	1
0		27	5	33	4	57	1	4	57	5	3	1	46	53	00	1	27	4	33	2	9	17
0		28	5	32	4	58	49	4	58	5	2	1	48	10	00	1	28	4	32	2	9	32
0		29	5	31	4	0	51	4	59	5	1	1	49	28	00	1	29	4	31	2	9	47
0		30	5	30	4	2	57	0	60	5	0	1	50	45	00	1	30	4	30	2	9	57
0																						

Tabula equationis solis secunda

Linee numeri communis				Equatio solis			Linee numeri communis				Equatio solis			Linee numeri communis				Equatio solis		
S	G	S	G	G	m	2	S	G	G	S	S	m	2	S	G	S	G	S	m	2a
1	31	4	29	2	9	59	2	1	59	3	1	53	46	2	31	3	29	1	5	1
1	32	4	28	2	10	0	2	2	58	3	1	55	37	2	32	3	28	1	2	54
1	33	4	27	2	10	0	2	3	57	3	1	51	27	2	33	3	27	1	0	57
1	34	4	26	2	10	0	2	4	56	3	1	50	12	2	34	3	26	0	58	40
1	35	4	25	2	9	57	2	5	55	3	1	48	59	2	35	3	25	0	56	32
1	36	4	24	2	9	51	2	6	54	3	1	47	46	2	36	3	24	0	54	25
1	37	4	23	2	9	36	2	7	53	3	1	46	20	2	37	3	23	0	52	17
1	38	4	22	2	9	20	2	8	52	3	1	44	53	2	38	3	22	0	50	9
1	39	4	21	2	9	2	2	9	51	3	1	43	26	2	39	3	21	0	48	1
1	40	4	20	2	8	47	2	10	50	3	1	41	57	2	40	3	20	0	45	53
1	41	4	19	2	8	27	2	11	49	3	1	40	21	2	41	3	19	0	43	44
1	42	4	18	2	8	6	2	12	48	3	1	38	51	2	42	3	18	0	41	35
1	43	4	17	2	7	41	2	13	47	3	1	34	27	2	43	3	17	0	39	26
1	44	4	16	2	7	14	2	14	46	3	1	35	52	2	44	3	16	0	37	16
1	45	4	15	2	6	46	2	15	45	3	1	34	20	2	45	3	15	0	35	6
1	46	4	14	2	6	18	2	16	44	3	1	32	46	2	46	3	14	0	32	57
1	47	4	13	2	5	48	2	17	43	3	1	31	12	2	47	3	13	0	30	35
1	48	4	12	2	5	18	2	18	42	3	1	29	31	2	48	3	12	0	28	19
1	49	4	11	2	4	42	2	19	41	3	1	28	50	2	49	3	11	0	26	1
1	50	4	10	2	4	5	2	20	40	3	1	26	53	2	50	3	10	0	23	42
1	51	4	9	2	3	27	2	21	39	3	1	24	16	2	51	3	9	0	21	23
1	52	4	8	2	2	37	2	22	38	3	1	22	28	2	52	3	8	0	19	1
1	53	4	7	2	1	47	2	23	37	3	1	20	44	2	53	3	7	0	16	40
1	54	4	6	2	0	51	2	24	36	3	1	18	51	2	54	3	6	0	14	19
1	55	4	5	1	59	53	2	25	35	3	1	16	9	2	55	3	5	0	11	58
1	56	4	4	1	58	55	2	26	34	3	1	14	8	2	56	3	4	0	9	36
1	57	4	3	1	55	55	2	27	33	3	1	13	14	2	57	3	3	0	7	12
1	58	4	2	1	56	51	2	28	32	3	1	11	13	2	58	3	2	0	4	48
1	59	4	1	1	55	55	2	29	31	3	1	9	10	2	59	3	1	0	2	29
1	60	4	0	1	54	54	2	30	30	3	1	7	7	2	60	3	0	0	0	0
									S	S										

Nota maius ser[?] tibi scripta equacio[n]e argumenti cum tabula sunt
Ascendendo in omnibus ... lune ... ipsior si descendendo ...

Tabula

Tabula Equacionis Lune Prima

Lune vii communes S	G	S	G	Equacio centri S	M	Diversitas dyametri	Equacio argumenti S	M	[M]
0	1	5	59	0	9	0	0	3	46
0	2	5	58	0	18	0	0	9	3[illegible]
0	3	5	57	0	27	0	0	14	11
0	4	5	56	0	36	0	0	19	0
0	5	5	55	0	45	0	0	23	[illegible]
0	6	5	54	0	53	0	0	28	28
0	7	5	53	1	2	0	0	31	11
0	8	5	52	1	11	0	0	19	44
0	9	5	51	1	20	0	0	21	21
0	10	5	50	1	29	0	0	24	19
0	11	5	49	1	38	0	0	26	0
0	12	5	48	1	46	0	0	28	41
0	13	5	47	1	55	1	0	31	20
0	14	5	46	2	4	1	0	33	59
0	15	5	45	2	13	1	0	35	38
0	16	5	44	2	22	1	0	38	15
0	17	5	43	2	31	1	0	40	51
0	18	5	42	2	39	1	0	42	21
0	19	5	41	2	48	1	0	45	0
0	20	5	40	2	[illegible]	2	0	47	35
0	21	5	39	3	5	2	0	49	3
0	22	5	38	3	14	2	0	52	43
0	23	5	37	3	23	2	0	54	1
0	24	5	36	3	31	2	0	57	21
0	25	5	35	3	40	2	0	59	52
0	26	5	34	3	49	2	1	1	15
0	27	5	33	3	57	3	1	3	30
0	28	5	32	4	6	3	1	6	51
0	29	5	31	4	15	3	1	8	14
0	30	5	30	4	23	3	1	13	29

Lune viii communes S	G	S	G	Equacio centri S	M	[ ]	Diversitas dyametri S	M	Equacio argumenti S	M	[M]
0	31	5	29	4	32	3	1	12	2	21	43
0	32	5	28	4	41	4	1	14	2	25	55
0	33	5	27	4	49	4	1	16	2	30	5
0	34	5	26	4	58	4	1	19	2	34	12
0	35	5	25	5	7	4	1	21	2	38	11
0	36	5	24	5	15	4	1	23	2	43	21
0	37	5	23	5	24	5	1	25	2	46	21
0	38	5	22	5	33	5	1	27	2	50	19
0	39	5	21	5	41	5	1	29	2	54	14
0	40	5	19	5	50	5	1	31	2	58	7
0	41	5	18	6	59	6	1	33	3	1	58
0	42	5	17	6	7	6	1	35	3	5	46
0	43	5	16	6	16	6	1	37	3	9	31
0	44	5	15	6	25	6	1	39	3	13	36
0	45	5	14	6	33	7	1	40	3	16	51
0	46	5	13	6	42	7	1	42	3	20	26
0	47	5	12	6	50	8	1	44	3	23	59
0	48	5	11	7	58	8	1	45	3	27	30
0	49	5	10	7	7	8	1	47	3	30	51
0	50	5	9	7	15	9	1	48	3	34	29
0	51	5	8	7	23	9	1	49	3	37	40
0	52	5	7	7	33	9	1	51	3	40	11
0	53	5	6	7	40	10	1	53	3	44	10
0	54	5	5	7	48	10	1	54	3	47	20
0	55	5	4	8	56	10	1	56	3	50	26
0	56	5	3	8	4	11	1	58	3	53	29
0	57	5	2	8	12	11	1	59	3	56	39
0	58	5	1	8	20	11	2	1	3	59	26
0	59	5	0	8	28	12	2	2	4	2	11
0	60	5	4	8	36	12	2	3	4	5	4

Expl.

Tabula Equacionis Lune secunda

Lune inter gradus				Equacio centri		Proporcio minuta proporcionalia		Diversitas dyametri		Equacio argumenti		
S	G	S	G	G	M	M	M	G	M	G	M	2
1	1	4	59	8	48	[illegible]	13	2	5	4	7	44
1	2	4	58	8	42	13	13	2	6	4	10	21
1	3	4	57	8	49	14	14	2	7	4	13	3
1	4	4	56	8	7	14	14	2	9	4	15	54
1	5	4	55	9	15	15	15	2	10	4	18	3
1	6	4	54	9	22	15	15	2	12	4	20	21
1	7	4	53	9	30	16	15	2	13	4	22	41
1	8	4	52	9	37	16	16	2	14	4	25	2
1	9	4	51	9	44	17	16	2	15	4	27	12
1	10	4	50	9	45	17	17	2	16	4	29	
1	11	4	49	9	59	18	17	2	17	4	31	20
1	12	4	48	10	6	18	18	2	18	4	33	18
1	13	4	47	10	13	19	18	2	19	4	34	11
1	14	4	46	10	20	19	19	2	20	4	36	29
1	15	4	45	10	27	20	19	2	21	4	38	43
1	16	4	44	10	34	20	20	2	22	4	40	2
1	17	4	43	10	41	21	20	2	23	4	41	48
1	18	4	42	10	48	21	21	2	24	4	43	28
1	19	4	41	10	55	22	21	2	25	4	44	45
1	20	4	40	11	2	22	22	2	26	4	46	13
1	21	4	39	11	8	22	23	2	27	4	47	26
1	22	4	38	11	15	23	23	2	28	4	48	37
1	23	4	37	11	21	23	23	2	29	4	49	38
1	24	4	36	11	27	24	24	2	30	4	50	21
1	25	4	35	11	33	24	24	2	31	4	51	38
1	26	4	34	11	39	25	24	2	32	4	53	28
1	27	4	33	11	44	25	25	2	33	4	54	11
1	28	4	32	11	50	[illegible]	25	2	34	4	[illegible]	40
1	29	4	31	11	55	26	26	2	35	4	55	27
1	30	4	30	12	0		26	2	36	4	57	42
1	31	4	29	12	5	21	2	31	4	55	18	
1	32	4	28	12	10	21	2	31	4	55	30	
1	33	4	27	12	14	28	2	38	4	55	44	
1	34	4	26	12	20	28	2	38	4	55	55	
1	35	4	25	12	[illegible]	29	2	38	4	56	0	
1	36	4	24	12	28	30	2	38	4	55	56	
1	37	4	23	12	32	31	2	38	4	55	42	
1	38	4	22	12	36	31	2	39	4	55	25	
1	39	4	21	12	39	32	2	39	4	55	4	
1	40	4	20	12	42	32	2	39	4	54	41	
1	41	4	19	12	45	33	2	39	4	54	12	
1	42	4	18	12	48	33	2	39	4	53	48	
1	43	4	17	12	51	33	2	40	4	52	59	
1	44	4	16	12	54	35	2	40	4	52	12	
1	45	4	15	12	56	34	2	40	4	51	22	
1	46	4	14	12	58	36	2	40	4	50	22	
1	47	4	13	13	0	36	2	40	4	49	10	
1	48	4	12	13	2	37	2	40	4	48	10	
1	49	4	11	13	4	37	2	40	4	46	49	
1	50	4	10	13	5	38	2	39	4	45	32	
1	51	4	9	13	6	38	2	39	4	44	1	
1	52	4	8	13	7	39	2	38	4	42	34	
1	53	4	7	13	8	30	2	38	4	40	56	
1	54	4	6	13	9	40	2	37	4	39	17	
1	55	4	5	13	9	40	2	36	4	37	29	
1	56	4	4	13	8	41	2	36	4	35	37	
1	57	4	3	13	7	41	2	34	4	33	41	
1	58	4	2	13	6	42	2	34	4	31	34	
1	59	4	1	13	5	42	2	33	4	29	20	
1	60	4	0	13	4	43	2	31	4	27	0	

Tabula Equacionum Lune Anne tercia

Linee in tomma				Equacio centri		Proporcionalia	Dyametri diuersitas		Equacio argumenti		
S	G	S	G	G	M	M	G	M	G	M	2
2	1	3	59	13	3	43	2	30	4	24	38
2	2	3	58	13	1	44	2	29	4	22	11
2	3	3	57	12	59	45	2	27	4	19	38
2	4	3	56	12	56	45	2	26	4	16	48
2	5	3	55	12	53	45	2	25	4	14	13
2	6	3	54	12	50	45	2	23	4	11	23
2	7	3	53	12	46	46	2	22	4	8	28
2	8	3	52	12	41	46	2	21	4	5	31
2	9	3	51	12	46	47	2	19	4	2	30
2	10	3	50	12	30	48	2	18	3	59	20
2	11	3	49	12	23	48	2	17	3	56	5
2	12	3	48	12	16	48	2	15	3	52	49
2	13	3	47	12	9	49	2	14	3	49	23
2	14	3	46	11	3	49	2	12	3	4	55
2	15	3	45	11	59	50	2	10	3	42	11
2	16	3	44	11	46	50	2	9	3	38	31
2	17	3	43	11	38	51	2	7	3	35	53
2	18	3	42	11	29	51	2	5	3	31	2
2	19	3	41	11	20	52	2	3	3	27	10
2	20	3	40	11	11	52	2	1	3	23	12
2	21	3	39	10	2	53	1	58	3	18	9
2	22	3	38	10	4	53	1	56	3	14	2
2	23	3	37	10	43	53	1	54	3	10	40
2	24	3	36	10	33	54	1	51	3	6	35
2	25	3	35	10	22	54	1	49	3	2	15
2	26	3	34	10	11	55	1	46	3	57	51
2	27	3	33	9	0	55	1	43	2	53	23
2	28	3	32	9	48	55	1	41	2	48	51
2	29	3	31	9	34	55	1	38	2	44	14
2	30	3	30	9	22	55	1	35	2	34	35

Linee in tomma				Equacio centri		Proporcionalia	Diuersitas dyametri		Equacio argumenti		
S	G	S	G	G	M	M	G	M	G	M	2
2	31	3	29	9	8	56	1	32	2	34	52
2	32	3	28	8	52	56	1	29	2	30	6
2	33	3	27	8	38	56	1	26	2	25	17
2	34	3	26	8	22	56	1	24	2	20	23
2	35	3	25	8	5	57	1	21	2	15	26
2	36	3	24	7	48	57	1	18	2	10	26
2	37	3	23	7	31	57	1	16	2	5	22
2	38	3	22	7	14	57	1	13	2	0	11
2	39	3	21	6	56	57	1	10	1	55	9
2	40	3	20	6	39	58	1	8	1	49	58
2	41	3	19	6	21	58	1	7	1	44	44
2	42	3	18	6	3	58	1	2	1	39	21
2	43	3	17	5	47	58	0	59	1	34	9
2	44	3	16	5	21	58	0	56	1	28	49
2	45	3	15	5	8	59	0	52	1	23	26
2	46	3	14	4	49	59	0	49	1	18	1
2	47	3	13	4	30	59	0	46	1	12	4
2	48	3	12	4	11	59	0	42	1	7	6
2	49	3	11	3	52	59	0	39	1	1	36
2	50	3	10	3	32	59	0	36	0	56	5
2	51	3	9	3	12	59	0	32	0	50	33
2	52	3	8	2	52	60	0	29	0	44	48
2	53	3	7	2	32	60	0	25	0	39	23
2	54	3	6	2	11	60	0	21	0	33	47
2	55	3	5	1	49	60	0	18	0	28	10
2	56	3	4	1	29	60	0	17	0	23	33
2	57	3	3	1	1	60	0	11	0	16	46
2	58	3	2	0	43	60	0	8	0	11	18
2	59	3	1	0	23	60	0	4	0	5	40
2	60	3	0	0	0	60	0	0	0	0	0

Tabula Equationis Saturni Prima

Linee numeri communes				Equatio centri		Minuta proportionalia	Longitudo longior		Equatio argumenti		Longitudo propior	
S	G	S	G	G	M	M	G	M	G	M	G	M
0	1	5	59	0	11	60	0	0	0	6	0	0
0	2	5	58	0		60	0	1	0	12	0	1
0	3	5	57	0	20	60	0	1	0	18	0	1
0	4	5	56	0	21	60	0	1	0	24	0	1
0	5	5	55	0	33	60	0	2	0	30	0	2
0	6	5	54	0	40	60	0	2	0	36	0	2
0	7	5	53	0	46	60	0	2	0	42	0	2
0	8	5	52	0	52	60	0	3	0	48	0	3
0	9	5	51	0	58	59	0	3	0	54	0	3
0	10	5	50	1	7	59	0	3	1	0	0	3
0	11	5	49	1	11	59	0	4	1	6	0	4
0	12	5	48	1	17	59	0	4	1	11	0	4
0	13	5	47	1	24	58	0	4	1	17	0	5
0	14	5	46	1	30	58	0	4	1	23	0	5
0	15	5	45	1	36	58	0	5	1	28	0	6
0	16	5	44	1	42	57	0	5	1	34	0	6
0	17	5	43	1	49	57	0	5	1	40	0	7
0	18	5	42	1	55	56	0	5	1	45	0	7
0	19	5	41	1	1	56	0	6	1	51	0	8
0	20	5	40	2	1	56	0	6	1	57	0	8
0	21	5	39	2	13	56	0	6	2	2	0	8
0	22	5	38	2	19	55	0	6	2	8	0	9
0	23	5	37	2	27	54	0	7	2	13	0	9
0	24	5	36	2	31	54	0	7	2	18	0	9
0	25	5	35	2	37	53	0	7	2	24	0	10
0	26	5	34	3	[illegible]	53	0	7	2	29	0	10
0	27	5	33	2	[illegible]	52	0	8	2	34	0	10
0	28	5	32	2	[illegible]	52	0	8	2	40	0	11
0	29	5	31	3	[illegible]	51	0	8	2	45	0	11
0	30	5	30	3	6	51	0	8	2	50	0	11

Linee numeri communes				Equatio centri		Minuta proportionalia	Longitudo longior		Equatio argumenti		Longitudo propior	
S	G	S	G	G	M	M	G	M	G	M	G	M
0	31	5	29	3	13	50	0	9	2	55	0	12
0	32	5	28	3	18	49	0	9	3	0	0	12
0	33	5	27	3	23	49	0	9	3	5	0	12
0	34	5	26	3	29	49	0	9	3	10	0	12
0	35	5	25	3	34	48	0	9	3	15	0	13
0	36	5	24	3	39	48	0	9	3	20	0	13
0	37	5	23	3	44	47	0	10	3	25	0	13
0	38	5	22	3	50	46	0	10	3	30	0	14
0	39	5	21	4	55	46	0	10	3	35	0	14
0	40	5	20	4	0	45	0	10	3	40	0	14
0	41	5	19	4	5	45	0	10	3	45	0	15
0	42	5	18	4	10	44	0	11	3	49	0	15
0	43	5	17	4	15	44	0	11	3	54	0	15
0	44	5	16	4	20	43	0	11	3	59	0	16
0	45	5	15	4	25	43	0	11	4	3	0	16
0	46	5	14	4	30	42	0	11	4	8	0	16
0	47	5	13	4	34	41	0	12	4	13	0	17
0	48	5	12	4	39	40	0	12	4	17	0	17
0	49	5	11	4	44	40	0	12	4	22	0	17
0	50	5	10	4	48	39	0	12	4	26	0	18
0	51	5	9	4	52	38	0	13	4	30	0	18
0	52	5	8	4	56	37	0	13	4	34	0	18
0	53	5	7	5	1	36	0	13	4	38	0	19
0	54	5	6	5	5	35	0	14	4	42	0	19
0	55	5	5	5	9	34	0	14	4	46	0	19
0	56	5	4	5	13	34	0	14	4	50	0	19
0	57	5	3	5	17	33	0	14	4	55	0	19
0	58	5	2	5	24	32	0	14	4	59	0	19
0	59	5	1	5	25	31	0	15	5	0	0	20
0	60	5	0	5	29	30	0	15	5	4	0	20

Tabula Equacionis Saturni

Anni collecti		Equacio centri			Por do na ea		Longitudo longior		Equacio argumenti		Longitudo propior	
⊕	18	⊕	8	8	g	m	8	g	8	g	8	g
1	1	4	59	5	33	29	0	16	5	8	0	20
1	2	4	58	5	37	28	0	16	5	12	0	20
1	3	4	57	5	41	27	0	16	5	17	0	20
1	4	4	56	5	44	26	0	16	5	19	0	20
1	5	4	55	5	47	25	0	16	5	22	0	20
1	6	4	54	5	50	24	0	17	5	27	0	20
1	7	4	53	5	53	23	0	17	5	28	0	21
1	8	4	52	5	56	22	0	17	5	31	0	21
1	9	4	51	5	59	21	0	17	5	34	0	21
1	10	4	50	6	2	20	0	17	5	37	0	21
1	11	4	49	6	5	19	0	17	5	40	0	21
1	12	4	48	6	7	18	0	18	5	42	0	21
1	13	4	47	6	9	16	0	18	5	45	0	21
1	14	4	46	6	12	17	0	18	5	47	0	21
1	15	4	45	6	14	14	0	18	5	49	0	21
1	16	4	44	6	16	13	0	18	5	51	0	21
1	17	4	43	6	18	12	0	18	5	53	0	21
1	18	4	42	6	19	11	0	18	5	55	0	21
1	19	4	41	6	21	9	0	18	5	57	0	22
1	20	4	40	6	22	8	0	18	5	59	0	22
1	21	4	39	6	23	7	0	18	6	0	0	22
1	22	4	38	6	24	6	0	19	6	2	0	22
1	23	4	37	6	26	5	0	19	6	4	0	22
1	24	4	36	6	27	4	0	19	6	5	0	23
1	25	4	35	6	28	3	0	19	6	7	0	23
1	26	4	34	6	28	2	0	19	6	8	0	22
1	27	4	33	6	29	4	0	19	6	9	0	23
1	28	4	32	6	29 prior	1	0	19	6	10	0	23
1	29	4	31	6	30	2	0	19	6	11	0	23
1	30	4	30	6	31	3	0	19	6	11	0	23

Anni collecti				Equacio centri		Por do na lia		Longitudo longior		Equacio argumenti		Longitudo propior
⊕	8	⊕	8	8	g	m	8	g	8	g	8	g
1	31	4	29	6	31	4	0	19	6	12	0	23
1	32	4	28	6	31	5	0	20	6	12	0	25
1	33	4	27	6	31	6	0	20	6	12	0	23
1	34	4	26	6	31	7	0	20	6	13	0	24
1	35	4	25	6	30	8	0	20	6	13	0	24
1	36	4	24	6	30	9	0	20	6	13	0	24
1	37	4	23	6	29	10	0	20	6	13	0	24
1	38	4	22	6	29	11	0	20	6	13	0	24
1	39	4	21	6	[illegible]	12	0	21	6	13	0	24
1	40	4	20	6	28	13	0	21	6	12	0	24
1	41	4	19	6	27	14	0	21	6	12	0	24
1	42	4	18	6	26	15	0	21	6	[illegible]	0	25
1	43	4	17	6	25	15	0	21	6	[illegible]	0	25
1	44	4	16	6	24	16	0	21	6	10	0	25
1	45	4	15	6	22	17	0	21	6	8	0	25
1	46	4	14	6	21	18	0	21	6	8	0	25
1	47	4	13	6	19	19	0	21	6	7	0	25
1	48	4	12	6	17	20	0	20	6	4	0	25
1	49	4	11	6	16	20	0	20	6	2	0	25
1	50	4	10	6	14	21	0	20	6	2	0	25
1	51	4	9	6	12	22	0	20	6	0	0	25
1	52	4	8	6	10	23	0	20	7	50	0	24
1	53	4	7	6	8	24	0	20	5	[illegible]	0	24
1	54	4	6	6	6	25	0	29	5	57	0	24
1	55	4	5	6	4	26	0	29	5	53	0	24
1	56	4	4	6	1	26	0	29	5	51	0	24
1	57	4	3	5	58	27	0	29	5	48	0	24
1	58	4	2	5	55	28	0	29	5	46	0	23
1	59	4	1	5	52	29	0	29	5	44	0	23
1	0	4	0	5	49	30	0	29	5	41	0	33

Tabula Equationis Saturni in Tercia

Linee numeri communes		Equatio centri		Portio proportionalis		Longitudo longior			Equatio argumenti		Longitudo propinquior	
S	G	S	G	G	M	M	G	M	G	M	G	M
2	1	3	59	5	46	30	0	19	5	31	0	23
2	2	3	58	5	43	31	0	19	5	35	0	23
2	3	3	57	5	40	32	0	19	5	31	0	23
2	4	3	56	5	36	33	0	19	5	28	0	23
2	5	3	55	5	32	33	0	19	5	24	0	22
2	6	3	54	5	28	34	0	18	5	[illegible]	0	22
2	7	3	53	5	24	35	0	18	5	18	0	22
2	8	3	52	5	20	36	0	18	5	14	0	23
2	9	3	51	5	16	37	0	18	5	10	0	21
2	10	3	50	5	12	37	0	17	5	6	0	21
2	11	3	49	5	8	38	0	17	5	2	0	21
2	12	3	48	5	3	39	0	17	5	58	0	21
2	13	3	47	4	58	40	0	17	4	54	0	20
2	14	3	46	4	53	41	0	17	4	50	0	20
2	15	3	45	4	48	42	0	16	4	45	0	20
2	16	3	44	4	43	42	0	16	4	41	0	19
2	17	3	43	4	38	43	0	16	4	36	0	19
2	18	3	42	4	33	44	0	16	4	31	0	19
2	19	3	41	4	28	44	0	16	4	26	0	18
2	20	3	40	4	23	45	0	15	4	21	0	18
2	21	3	39	4	17	46	0	15	4	16	0	18
2	22	3	38	4	12	46	0	15	4	11	0	17
2	23	3	37	4	6	47	0	15	4	6	0	17
2	24	3	36	4	0	48	0	14	4	0	0	17
2	25	3	35	3	54	49	0	14	3	55	0	16
2	26	3	34	3	48	49	0	14	3	49	0	16
2	27	3	33	3	42	50	0	14	3	43	0	15
2	28	3	32	3	36	50	0	13	3	31	0	15
2	29	3	31	3	30	51	0	13	3	31	0	14
2	30	3	30	3	24	51	0	13	3	25	0	14

Linee numeri communes		Equatio centri		Portio proportionalis			Longitudo longior		Equatio argumenti		Longitudo propinquior	
S	G	S	G	G	M	M	G	M	G	M	G	M
2	31	3	29	3	18	52	0	12	3	19	0	13
2	32	3	28	3	12	53	0	11	3	13	0	13
2	33	3	27	3	6	53	0	11	3	7	0	13
2	34	3	26	2	59	54	0	11	3	1	0	12
2	35	3	25	2	52	54	0	10	2	54	0	12
2	36	3	24	2	46	55	0	10	2	48	0	12
2	37	3	23	2	40	55	0	9	2	42	0	11
2	38	3	22	2	33	56	0	8	2	36	0	11
2	39	3	21	2	27	56	0	8	2	29	0	11
2	40	3	20	2	21	57	0	8	2	23	0	10
2	41	3	19	2	14	57	0	7	2	16	0	10
2	42	3	18	2	7	57	0	7	2	9	0	10
2	43	3	17	2	0	58	0	6	1	55	0	9
2	44	3	16	1	53	58	0	6	1	48	0	9
2	45	3	15	1	46	58	0	6	1	48	0	8
2	46	3	14	1	39	59	0	5	1	34	0	8
2	47	3	13	1	32	59	0	5	1	27	0	7
2	48	3	12	1	25	59	0	5	1	20	0	7
2	49	3	11	1	18	59	0	5	1	13	0	6
2	50	3	10	1	11	60	0	4	1	[illegible]	0	6
2	51	3	9	0	4	60	0	4	1	6	0	5
2	52	3	8	0	57	60	0	4	0	59	0	5
2	53	3	7	0	50	60	0	3	0	52	0	4
2	54	3	6	0	43	60	0	3	0	45	0	4
2	55	3	5	0	36	60	0	3	0	38	0	3
2	56	3	4	0	29	60	0	3	0	31	0	3
2	57	3	3	0	22	60	0	3	0	23	0	2
2	58	3	2	0	15	60	0	1	0	16	0	2
2	59	3	1	0	8	60	0	1	0	8	0	1
2	0	3	0	0	0	60	0	0	0	1	0	0

Tabula equacionum lune

Linee numeri communes				Equacio centri		Minuta proporcionalia	Longitudo longior		Equacio argumenti		Longitudo propinquior	
S	G	S	G	G	M	M	G	M	G	M	G	M
0	1	5	59	0	6	60	0	0	0	10	0	0
0	2	5	58	0	12	60	0	1	0	20	0	1
0	3	5	57	0	18	60	0	1	0	29	0	1
0	4	5	56	0	24	60	0	1	0	39	0	1
0	5	5	55	0	30	60	0	2	0	49	0	2
0	6	5	54	0	36	60	0	2	1	58	0	2
0	7	5	53	0	42	60	0	2	1	8	0	2
0	8	5	52	0	48	60	0	3	1	18	0	3
0	9	5	51	0	53	60	0	3	1	28	0	3
0	10	5	50	1	59	60	0	3	1	37	0	3
0	11	5	49	1	5	60	0	4	1	47	0	4
0	12	5	48	1	11	60	0	4	1	57	0	4
0	13	5	47	1	17	60	0	4	2	6	0	4
0	14	5	46	1	22	60	0	5	2	15	0	5
0	15	5	45	1	28	59	0	5	2	24	0	5
0	16	5	44	1	34	59	0	5	2	34	0	6
0	17	5	43	1	40	59	0	6	2	43	0	6
0	18	5	42	1	45		0	6	2	52	0	7
0	19	5	41	1	51	58	0	6	3	2	0	7
0	20	5	40	1	57	58	0	7	3	11	0	8
0	21	5	39	2	2	57	0	7	3	29	0	8
0	22	5	38	2	8	57	0	7	3	30	0	8
0	23	5	37	2	13	57	0	8	3	39	0	9
0	24	5	36	2	18	56	0	8	3	48	0	9
0	25	5	35	2	24	56	0	8	3	57	0	9
0	26	5	34	2	29	55	0	9	3	6	0	10
0	27	5	33	2	34	55	0	9	4	17	0	10
0	28	5	32	2	41	54	0	9	4	24	0	10
0	29	5	31	2	46	54	0	10	4	33	0	11
0	30	5	30	2	51	53	0	10	4	42	0	11

Linee numeri communes				Equacio centri		Minuta proporcionalia	Longitudo longior		Equacio argumenti		Longitudo propinquior	
S	G	S	G	G	M	M	G	M	G	M	G	M
0	31	5	29	3	56	52	0	10	4	51	0	11
0	32	5	28	3	1	51	0	11	5	0	0	12
0	33	5	27	3	6	51	0	11	5	8	0	12
0	34	5	26	3	11	49	0	11	5	16	0	12
0	35	5	25	3	16	49	0	12	5	27	0	13
0	36	5	24	3	21	48	0	12	5	34	0	13
0	37	5	23	3	26	48	0	12	6	44	0	13
0	38	5	22	3	31	47	0	13	6	52	0	14
0	39	5	21	3	36	47	0	13	6	0	0	14
0	40	5	20	3	41	46	0	13	6	9	0	14
0	41	5	19	3	45	45	0	14	6	19	0	15
0	42	5	18	3	49	44	0	14	6	27	0	15
0	43	5	17	3	54	44	0	14	6	33	0	15
0	44	5	16	3	58	43	0	15	6	41	0	16
0	45	5	15	3	3	43	0	15	6	44	0	16
0	46	5	14	4	8	42	0	15	6	47	0	17
0	47	5	13	4	12	41	0	16	7	5	0	17
0	48	5	12	4	16	40	0	16	7	12	0	18
0	49	5	11	4	20	38	0	16	7	20	0	18
0	50	5	10	4	24	39	0	17	7	28	0	19
0	51	5	9	4	28	38	0	17	7	37	0	19
0	52	5	8	4	32	37	0	17	7	43	0	19
0	53	5	7	4	36	36	0	18	7	50	0	20
0	54	5	6	4	39	35	0	18	7	55	0	20
0	55	5	5	4	43	34	0	18	8	4	0	20
0	56	5	4	4	46	33	0	19	8	5	0	21
0	57	5	3	4	50	33	0	19	8	17	0	21
0	58	5	2	4	52	32	0	19	8	24	0	21
0	59	5	1	4	56	31	0	20	8	31	0	22
0	60	5	0	5	1	30	0	20	8	34	0	23

Tabula equacionis lune ~~[illegible]~~ secunda

linee numeri communis		equacio centri		proporcionalia	longitudo longior		equacio argumenti		longitudo propior				linee numeri communis		equacio centri		proporcionalia		longitudo longior		equacio centri		longitudo propior	
S	G	S	G	G	M	M	G	M	G	M	o	M	S	G	S	G	G	M	M	G	M	G	M	G	M
1	1	4	59	5	5	29	0	20	8	44	0	22	1	31	4	29	5	57	3	0	28	10	53	0	31
1	2	4	58	5	9	28	0	21	8	50	0	23	1	32	4	28	5	57	4	0	28	10	55	0	31
1	3	4	57	5	12	27	0	21	8	56	0	23	1	33	4	27	5	57	5	0	28	10	57	0	31
1	4	4	56	5	15	26	0	21	9	2	0	23	1	34	4	26	5	57	5	0	28	10	59	0	31
1	5	4	55	5	18	25	0	22	9	8	0	24	1	35	4	25	5	57	6	0	28	12	0	0	31
1	6	4	54	5	20	24	0	22	9	14	0	24	1	36	4	24	5	57	7	0	28	12	1	0	31
1	7	4	53	5	23	23	0	22	9	20	0	24	1	37	4	23	5	56	8	0	28	12	2	0	32
1	8	4	52	5	26	22	0	23	9	26	0	25	1	38	4	22	5	56	9	0	28	12	2	0	32
1	9	4	51	5	28	21	0	23	9	31	0	25	1	39	4	21	5	55	10	0	29	12	3	0	32
1	10	4	50	5	31	20	0	23	9	36	0	25	1	40	4	20	5	55	11	0	29	12	3	0	32
1	11	4	49	5	33	19	0	24	9	41	0	26	1	41	4	19	5	54	12	0	29	12	3	0	32
1	12	4	48	5	35	18	0	24	9	46	0	26	1	42	4	18	5	53	13	0	29	12	3	0	32
1	13	4	47	5	37	17	0	24	9	51	0	26	1	43	4	17	5	52	14	0	29	12	3	0	32
1	14	4	46	5	39	16	0	25	9	56	0	27	1	44	4	16	5	50	15	0	29	12	2	0	32
1	15	4	45	5	41	15	0	25	10	0	0	27	1	45	4	15	5	49	16	0	29	12	2	0	32
1	16	4	44	5	43	14	0	25	10	5	0	27	1	46	4	14	5	48	17	0	29	12	2	0	32
1	17	4	43	5	45	13	0	25	10	9	0	28	1	47	4	13	5	46	18	0	30	12	9	0	33
1	18	4	42	5	46	12	0	26	10	13	0	28	1	48	4	12	5	44	19	0	30	10	59	0	33
1	19	4	41	5	48	11	0	26	10	17	0	28	1	49	4	11	5	43	20	0	30	10	55	0	33
1	20	4	40	5	49	10	0	26	10	21	0	29	1	50	4	10	5	41	21	0	30	10	55	0	33
1	21	4	39	5	50	9	0	26	10	25	0	29	1	51	4	9	5	39	22	0	30	10	53	0	33
1	22	4	38	5	51	8	0	26	10	29	0	29	1	52	4	8	5	37	23	0	30	10	51	0	33
1	23	4	37	5	52	7	0	26	10	32	0	30	1	53	4	7	5	35	23	0	30	10	48	0	33
1	24	4	36	5	53	6	0	27	10	35	0	30	1	54	4	6	5	33	24	0	30	10	45	0	33
1	25	4	35	5	54	5	0	27	10	38	0	30	1	55	4	5	5	31	25	0	30	10	42	0	33
1	26	4	34	5	55	4	0	27	10	41	0	30	1	56	4	4	5	29	26	0	30	10	39	0	33
1	27	4	33	5	55	3	0	27	10	44	0	30	1	57	4	3	5	27	27	0	30	10	37	0	33
1	28	4	32	5	56	2	0	27	10	47	0	30	1	58	4	2	5	25	28	0	30	10	31	0	33
1	29	4	31	5	56	1	0	27	10	49	0	30	1	59	4	1	5	22	29	0	29	10	31	0	33
1	30	4	30	5	57	0	0	27	10	51	0	30	1	0	4	0	5	19	29	0	29	10	22	0	33
1																									

Tabula equacionis Veneris Tercia

Linee numeri communis				Equacio centri		Proporcio		Longitudo longior		Equacio argumenti		Longitudo propior		Linee numeri communis				Equacio centri		Proporcio	Longitudo longior		Equacio argumenti		Longitudo propior	
S	G	S	G	G	M	M	M	S	G	G	M	S	G	S	G	S	G	G	M	M	S	G	G	M	S	G
2	1	3	59	5	16	31	31	0	29	10	19	0	32	2	31	3	29	3	1	52	0	21	6	23	0	22
2	2	3	58	5	13	32	32	0	29	10	15	0	32	2	32	3	28	2	55	53	0	20	6	12	0	21
2	3	3	57	5	10	33	33	0	29	10	10	0	32	2	33	3	27	2	49	53	0	19	6	0	0	20
2	4	3	56	5	6	34	34	0	29	10	5	0	32	2	34	3	26	2	44	53	0	19	5	48	0	20
2	5	3	55	5	3	35	35	0	29	10	0	0	32	2	35	3	25	2	38	54	0	18	5	36	0	19
2	6	3	54	4	59	36	36	0	29	9	54	0	32	2	36	3	24	2	32	55	0	17	5	24	0	18
2	7	3	53	4	55	37	37	0	28	9	48	0	31	2	37	3	23	2	26	55	0	17	5	12	0	18
2	8	3	52	4	51	39	38	0	28	9	42	0	31	2	38	3	22	2	20	55	0	16	5	0	0	17
2	9	3	51	4	47	40	39	0	28	9	36	0	31	2	39	3	21	2	14	56	0	15	4	47	0	16
2	10	3	50	4	43	41	40	0	28	9	30	0	31	2	40	3	20	2	8	56	0	15	4	35	0	16
2	11	3	49	4	39	42	41	0	28	9	24	0	31	2	41	3	19	2	2	57	0	14	4	22	0	15
2	12	3	48	4	35	44	41	0	28	9	17	0	31	2	42	3	18	1	56	57	0	13	4	9	0	15
2	13	3	47	4	31	43	42	0	27	9	10	0	31	2	43	3	17	1	50	57	0	13	3	56	0	14
2	14	3	46	4	27	44	43	0	27		2	0	30	2	44	3	16	1	43	58	0	12	3	42	0	13
2	15	3	45	4	22	45	43	0	27	8	55	0	30	2	45	3	15	1	37	58	0	11	3	29	0	12
2	16	3	44	4	18	46	44	0	26	8	[illegible]	0	30	2	46	3	14	1	30	58	0	11	3	16	0	12
2	17	3	43	4	13	46	45	0	26	8	39	0	30	2	47	3	13	1	24	59	0	10	3	3	0	11
2	18	3	42	4	8	47	46	0	26	8	31	0	29	2	48	3	12	1	18	59	0	9	2	49	0	10
2	19	3	41	4	4	47	46	0	25	8	22	0	29	2	49	3	11	1	12	59	0	9	2	35	0	10
2	20	3	40	3	59	48	47	0	25	8	13	0	28	2	50	3	10	1	5	59	0	8	2	21	0	9
2	21	3	39	3	55	48	47	0	25	8	4	0	28	2	51	3	9	0	59	59	0	7	2	7	0	8
2	22	3	38	3	49	49	48	0	24	7	59	0	27	2	52	3	8	0	52	59	0	6	1	53	0	7
2	23	3	37	3	44	49	48	0	24	7	50	0	27	2	53	3	7	0	46	59	0	6	1	39	0	7
2	24	3	36	3	38		49	0	24	7	45	0	26	2	54	3	6	0	39	59	0	5	1	25	0	6
2	25	3	35	3	33		49	0	23	7	36	0	26	2	55	3	5	0	33	59	0	5	1	11	0	5
2	26	3	34	3	28		50	0	23	7	36	0	27	2	56	3	4	0	27	59	0	4	0	57	0	4
2	27	3	33	3	22		50	0	23	7	16	0		2	57	3	3	0	20	59	0	3	0	43	0	3
2	28	3	32	3	17		51	0	22	7	6	0	24	2	58	3	2	0	14	59	0	2	0	29	0	2
2	29	3	31	3	12		51	0	22	6	55	0	23	2	59	3	1	0	7	59	0	1	0	15	0	1
2	30	3	30	3	6		52	0	21	6	39	0	22	2	0	3	0	0	0	59	0	0	0	0	0	0
2																										

Tabula equationis Martis prima

Linee numeri communes				Equatio centri		Minuta proportionalia	Longitudo longior		Equatio argumenti			Longitudo propinquior	
S	G	S	G	S	G	M	S	M	S	G	M	S	M
0	1	5	59	0	11	60	0	2	0	0	24	0	2
0	2	5	58	0	12	60	0	3	0	0	48	0	3
0	3	5	57	0	13	60	0	4	0	1	12	0	4
0	4	5	56	0	14	60	0	6	0	1	36	0	6
0	5	5	55	0	15	60	0	7	0	2	0	0	7
0	6	5	54	1	5	60	0	8	0	2	24	0	9
0	7	5	53	1	16	59	0	10	0	2	48	0	10
0	8	5	52	1	27	59	0	11	0	3	12	0	12
0	9	5	51	1	38	59	0	12	0	3	36	0	13
0	10	5	50	1	49	59	0	14	0	3	49	0	14
0	11	5	49	2	0	59	0	15	0	4	23	0	16
0	12	5	48	2	10	59	0	16	0	4	46	0	18
0	13	5	47	2	21	58	0	18	0	5	10	0	20
0	14	5	46	2	31	58	0	19	0	5	34	0	21
0	15	5	45	2	41	58	0	20	0	5	57	0	23
0	16	5	44	2	53	57	0	22	0	6	21	0	24
0	17	5	43	3	[illegible]	57	0	23	0	6	44	0	26
0	18	5	42	3	12	57	0	24	0	7	8	0	28
0	19	5	41	3	24	56	0	26	0	7	32	0	29
0	20	5	40	4	34	56	0	27	0	7	56	0	31
0	21	5	39	3	44	56	0	28	0	8	19	0	33
0	22	5	38	3	55	55	0	30	0	8	43	0	34
0	23	5	37	4	6	55	0	32	0	9	6	0	35
0	24	5	36	4	16	54	0	33	0	9	30	0	37
0	25	5	35	4	26	54	0	35	0	9	52	0	38
0	26	5	34	4	36	54	0	36	0	10	18	0	40
0	27	5	33	4	46	53	0	38	0	10	41	0	41
0	28	5	32	4	56	53	0	40	0	11	5	0	43
0	29	5	31	5	6	52	0	41	0	11	28	0	44
0	30	5	30	5	16	52	0	42	0	11	51	0	46

Linee numeri communes				Equatio centri		Minuta proportionalia	Longitudo longior		Equatio argumenti		Longitudo propinquior	
S	G	S	G	S	G	M	S	M	G	M	S	M
0	31	5	29	5	26	51	0	44	12	17	0	48
0	32	5	28	5	36	51	0	45	13	38	0	50
0	33	5	27	5	45	50	0	47	13	1	0	51
0	34	5	26	5	55	50	0	48	13	24	0	53
0	35	5	25	6	4	49	0	50	13	48	0	55
0	36	5	24	6	13	49	0	51	14	11	0	56
0	37	5	23	6	22	48	0	53	14	34	0	58
0	38	5	22	6	31	47	0	54	14	54	1	0
0	39	5	21	6	40	47	0	56	15	20	1	1
0	40	5	20	6	49	46	0	57	15	43	1	3
0	41	5	19	6	58	45	0	59	16	6	1	5
0	42	5	18	7	7	44	0	0	16	29	1	6
0	43	5	17	7	16	44	0	2	16	52	1	8
0	44	5	16	7	24	43	0	3	17	17	1	10
0	45	5	15	7	33	43	0	5	17	39	1	11
0	46	5	14	7	41	42	0	6	18	1	1	13
0	47	5	13	7	49	41	0	8	18	2	1	15
0	48	5	12	7	57	40	0	9	18	48	1	16
0	49	5	11	8	5	40	0	11	19	9	1	18
0	50	5	10	8	13	39	0	12	19	31	1	20
0	51	5	9	8	20	38	0	14	19	53	1	22
0	52	5	8	8	27	37	0	15	20	16	1	24
0	53	5	7	8	35	36	0	16	20	38	1	26
0	54	5	6	8	42	35	0	18	21	0	1	28
0	55	5	5	8	49	34	0	20	21	22	1	30
0	56	5	4	8	55	33	0	21	22	45	1	32
0	57	5	3	9	4	32	0	23	22	7	1	34
0	58	5	2	9	11	31	0	34	22	29	1	36
0	59	5	1	9	18	30	0	36	22	11	1	38
0	0	5	0	9	24	30	0	36	22	13	1	40

Tabula Equationum Martis ~~[illegible]~~ Secunda

Linee numeri communes				Equatio centri		Minuta proportionalia	Longitudo longior		Equatio argumenti		Longitudo propior	
S	G	S	G	G	M	M	G	M	G	M	G	M
1	1	4	59	9	31	29		34	23	37	1	42
1	2	4	58	9	37	28		34	23	51	1	44
1	3	4	57	9	43	27		32	24	18	1	46
1	4	4	56	9	49	26		34	24	44	1	48
1	5	4	55	9	55	25		36	25	1	1	50
1	6	4	54	10	0	24		37	25	22	1	53
1	7	4	53	10	7	23		39	25	44	1	55
1	8	4	52	10	10	22		41	26	5	1	57
1	9	4	51	10	15	21		43	26	26	1	59
1	10	4	50	10	20	20		45	26	47	2	1
1	11	4	49	10	25	19		47	27	8	2	3
1	12	4	48	10	29	18		49	27	29	2	6
1	13	4	47	10	34	16		51	27	50	2	8
1	14	4	46	10	38	15		53	28	11	2	10
1	15	4	45	10	42	14		55	28	31	2	12
1	16	4	44	10	46	13		57	28	52	2	14
1	17	4	43	10	50	12		59	29	12	2	16
1	18	4	42	10	53	11		1	29	32	2	19
1	19	4	41	11	57	10		3	29	52	2	21
1	20	4	40	11	0	9		5	30	12	2	23
1	21	4	39	11	3	8		8	30	33	2	26
1	22	4	38	11	6	7		10	30	52	2	28
1	23	4	37	11	9	5		12	31	11	2	30
1	24	4	36	11	12	4		14	31	30	2	33
1	25	4	35	11	15	3		16	31	49	2	35
1	26	4	34	11	17	2		18	32	8	2	38
1	27	4	33	11	19	1		20	32	27	2	41
1	28	4	32	11	20	1		23	33	46	2	43
1	29	4	31	11	22	2		25	33	4	2	46
1	30	4	30	11	23	3		27	33	22	2	49

Linee numeri communes				Equatio centri		Minuta proportionalia	Longitudo longior		Equatio argumenti		Longitudo propior	
S	G	S	G	G	M	M	G	M	G	M	G	M
1	31	4	29	11	23	4	1	30	33	50	2	53
1	32	4	28	11	24	5	1	32	33	58	2	55
1	33	4	27	11	24	6	1	35	34	17	2	57
1	34	4	26	11	24	7	1	37	34	32	3	0
1	35	4	25	11	24	8	2	39	34	49	3	3
1	36	4	24	11	24	9	2	42	35	6	3	6
1	37	4	23	11	23	10	2	44	35	23	3	9
1	38	4	22	11	23	11	2	47	35	40	3	12
1	39	4	21	11	22	12	2	49	35	56	3	15
1	40	4	20	11	22	13	2	51	36	22	3	19
1	41	4	19	11	20	14	2	54	36	28	3	22
1	42	4	18	11	19	15	2	56	36	43	3	25
1	43	4	17	11	17	16	2	19	36	58	3	28
1	44	4	16	11	15	16	3	1	37	13	3	33
1	45	4	15	11	13	17	3	4	37	27	3	36
1	46	4	14	11	11	18	3	7	37	41	3	39
1	47	4	13	11	9	19	3	10	37	55	3	43
1	48	4	12	11	6	20	3	13	38	9	3	47
1	49	4	11	11	3	21	3	16	38	23	3	50
1	50	4	10	11	0	22	3	19	38	36	3	54
1	51	4	9	10	57	22	3	22	38	48	3	58
1	52	4	8	10	53	23	3	24	39	1	4	1
1	53	4	7	10	40	24	3	28	39	13	4	5
1	54	4	6	10	45	25	3	32	39	24	4	9
1	55	4	5	10	47	26	3	35	39	35	4	13
1	56	4	4	10	37	27	3	39	39	45	4	17
1	57	4	3	10	33	27	3	43	39	56	4	21
1	58	4	2	10	29	28	3	46	40	5	4	36
1	59	4	1	10	27	29	3	50	40	14	4	39
1	0	4	0	10	21	30	3	50	40	23	4	35

Tabula Equationum Martis

Linee numeri communes				Equatio centri		Minuta proportionalia	Longitudo longior		Equatio argumenti			Longitudo propinquior	
S	G	S	G	G	M	M	G	M	G	M	M	G	M
2	1	3	59	10	17	30	3	55	40	30	30	4	40
2	2	3	58	10	12	31	4	[illegible]	40	34	27	4	51
2	3	3	57	10	6	32	4	4	40	44	42	4	50
2	4	3	56	10	0	33	4	7	40	40	49	4	55
2	5	3	55	9	54	34	4	10	40	19	54	5	0
2	6	3	54	9	48	35	4	12	40	2	49	5	5
2	7	3	53	9	41	36	4	17	41	7	2	5	10
2	8	3	52	9	34	37	4	21	41	8	7	5	15
2	9	3	51	9	27	38	4	24	41	9	8	5	21
2	10	3	50	9	20	39	4	28	41	10	9	5	26
2	11	3	49	9	13	40	4	31	41	10	10	5	31
2	12	3	48	9	7	41	4	37	41	11	10	5	37
2	13	3	47	8	57	41	4	38	41	4	7	5	43
2	14	3	46	8	49	42	4	41	41	0	4	5	49
2	15	3	45	8	41	42	4	47	41	55	0	5	55
2	16	3	44	8	32	43	4	48	40	50	55	6	1
2	17	3	43	8	23	44	4	52	40	[illegible]	[illegible]	6	8
2	18	3	42	8	14	44	4	56	40	39	45	6	17
2	19	3	41	8	7	46	4	59	40	2	39	6	21
2	20	3	40	7	56	44	5	3	40	2	31	6	24
2	21	3	39	7	47	44	5	7	40	8	21	6	27
2	22	3	38	7	37	48	5	11	40	7	8	6	31
2	23	3	37	7	27	48	5	17	39	31	53	6	34
2	24	3	36	7	17	49	5	18	39	20	34	6	43
2	25	3	35	7	7	49	5	23	39	1	20	6	49
2	26	3	34	6	57	50	5	27	39	0	1	7	6
2	27	3	33	6	47	50	5	28	38	16	28	7	12
2	28	3	32	6	37	50	5	30	38	11	16	7	18
2	29	3	31	6	26	51	5	32	37	4	51	7	24
2	30	3	30	6	16	51	5	34	37		27	7	30

Tercia

Linee numeri communes				Equatio centri		Minuta proportionalia	Longitudo longior		Equatio argumenti		Longitudo propinquior	
S	G	S	G	G	M	M	G	M	G	M	G	M
2	31	3	29	6	5	52	5	36	36	44	7	37
2	32	3	28	5	54	52	5	37	36	27	7	40
2	33	3	27	5	43	53	5	38	35	12	7	47
2	34	3	26	5	32	53	5	38	35	17	7	50
2	35	3	25	5	21	54	5	38	34	35	7	58
2	36	3	24	5	9	55	5	38	33	52	7	58
2	37	3	23	4	57	55	5	37	32	7	8	0
2	38	3	22	4	44	56	5	36	32	20	8	2
2	39	3	21	4	32	56	5	34	31	30	8	3
2	40	3	20	4	20	57	5	30	20	36	8	2
2	41	3	19	4	8	57	5	28	29	38	8	0
2	42	3	18	3	55	58	5	18	28	34	7	58
2	43	3	17	3	43	58	5	10	27	38	7	47
2	44	3	16	3	31	58	5	1	26	16	7	44
2	45	3	15	3	18	58	4	52	25	3	7	41
2	46	3	14	3	5	58	4	41	23	47	7	32
2	47	3	13	2	53	59	4	30	22	24	7	26
2	48	3	12	2	39	59	4	18	21	0	7	6
2	49	3	11	2	26	59	4	2	19	29	6	52
2	50	3	10	2	13	59	3	48	17	48	6	16
2	51	3	9	1	59	59	3	32	16	26	5	49
2	52	3	8	1	46	59	3	15	14	47	5	23
2	53	3	7	1	33	59	2	40	13	1	4	52
2	54	3	6	1	20	60	2	24	11	17	4	26
2	55	3	5	1	7	60	2	[illegible]	9	27	3	46
2	56	3	4	0	54	60	1	50	7	34	3	3
2	57	3	3	0	40	60	1	16	5	47	2	20
2	58	3	2	0	27	60	0	41	3	42	1	38
2	59	3	1	0	14	60	0	26	1	49	0	44
2	0	3	0	0	0	60	0	0	0	0	0	0

Tabula equacionis Veneris prima

Linee numeri communes				Equacio centri		Proportionis minuta	Longitudo longior		Equacio argumenti		Longitudo propior	
S	G	S	G	S	G	M	S	M	G	M	S	M
0	1	5	59	0	3	60	0	0	0	56	0	0
0	2	5	58	0	4	60	0	1	0	51	0	1
0	3	5	57	0	6	60	0	1	1	16	0	1
0	4	5	56	0	9	60	0	1	1	41	0	1
0	5	5	55	0	5	60	0	1	2	6	0	2
0	6	5	54	0	12	60	0	1	2	31	0	2
0	7	5	53	0	15	60	0	1	2	56	0	2
0	8	5	52	0	17	59	0	1	3	21	0	3
0	9	5	51	0	19	59	0	2	3	46	0	3
0	10	5	50	0	21	59	0	2	4	11	0	3
0	11	5	49	0	24	59	0	2	4	36	0	4
0	12	5	48	0	26	59	0	3	5	1	0	4
0	13	5	47	0	28	58	0	3	5	26	0	4
0	14	5	46	0	34	58	0	3	5	51	0	5
0	15	5	45	0	32	58	0	4	6	16	0	5
0	16	5	44	0	34	57	0	4	6	41	0	5
0	17	5	43	0	36	57	0	5	7	6	0	6
0	18	5	42	0	38	57	0	5	7	31	0	6
0	19	5	41	0	40	56	0	5	7	56	0	6
0	20	5	40	0	43	56	0	6	8	21	0	7
0	21	5	39	0	45	56	0	6	8	46	0	7
0	22	5	38	0	47	55	0	6	9	11	0	7
0	23	5	37	0	49	55	0	7	9	36	0	8
0	24	5	36	0	51	55	0	7	10	1	0	8
0	25	5	35	0	53	54	0	7	10	26	0	8
0	26	5	34	0	55	54	0	8	10	51	0	9
0	27	5	33	0	57	53	0	8	11	16	0	9
0	28	5	32	0	59	53	0	8	11	41	0	9
0	29	5	31	0	1	52	0	9	12	6	0	10
0	30	5	30	0	9	52	0	9	12	30	0	10

Linee numeri communes				Equacio argumenti		Proportionis minuta	Longitudo longior		Equacio argumenti		Longitudo propior	
S	G	S	G	S	G	M	S	M	G	M	S	M
0	31	5	29	1	5	51	0	19	12	55	0	10
0	32	5	28	1	7	51	0	10	13	20	0	11
0	33	5	27	1	9	50	0	10	13	45	0	11
0	34	5	26	1	10	50	0	10	14	9	0	11
0	35	5	25	1	12	49	0	11	14	34	0	11
0	36	5	24	1	14	49	0	11	14	58	0	12
0	37	5	23	1	16	48	0	11	15	23	0	12
0	38	5	22	1	17	48	0	12	15	48	0	12
0	39	5	21	1	19	47	0	12	16	12	0	12
0	40	5	20	1	21	47	0	12	16	41	0	13
0	41	5	19	1	22	46	0	13	17	1	0	14
0	42	5	18	1	24	45	0	13	17	25	0	14
0	43	5	17	1	26	45	0	13	17	50	0	14
0	44	5	16	1	27	44	0	14	18	14	0	14
0	45	5	15	1	28	43	0	14	18	38	0	14
0	46	5	14	1	31	42	0	15	19	3	0	15
0	47	5	13	1	32	42	0	15	19	27	0	15
0	48	5	12	1	[illegible]	41	0	15	19	21	0	15
0	49	5	11	1	36	40	0	15	20	15	0	16
0	50	5	10	1	37	40	0	16	20	39	0	16
0	51	5	9	1	39	39	0	16	21	3	0	16
0	52	5	8	1	40	38	0	16	21	27	0	17
0	53	5	7	1	42	37	0	17	21	51	0	17
0	54	5	6	1	43	36	0	17	22	17	0	17
0	55	5	5	1	44	35	0	18	22	39	0	18
0	56	5	4	1	[illegible]	34	0	18	23	3	0	18
0	57	5	3	1	46	33	0	18	23	27	0	8
0	58	5	2	1	48	32	0	18	23	51	0	19
0	59	5	1	1	50	31	0	19	24	55	0	19
0	0	5	0	1	51	30	0	19	24	18	0	19
0												

Tabula equationis Veneris 2

Linee numeri communes				Equatio argumenti		Proportio minuta	Longitudo longior		Equatio argumenti		Longitudo propior	
				S	M	M	S	M	S	M	S	M
1	1	4	59	1	52	29	0	19	25	2	0	19
1	2	4	58	1	53	28	0	20	25	27	0	20
1	3	4	57	1	54	27	0	20	25	40	0	20
1	4	4	56	1	55	26	0	20	26	11	0	21
1	5	4	55	1	56	25	0	21	26	39	0	21
1	6	4	54	1	57	24	0	21	26	54	0	22
1	7	4	53	1	58	23	0	21	27	20	0	22
1	8	4	52	2	59	22	0	22	27	43	0	23
1	9	4	51	2	0	21	0	22	28	6	0	23
1	10	4	50	2	1	20	0	22	28	29	0	24
1	11	4	49	2	1	19	0	23	28	52	0	24
1	12	4	48	2	2	18	0	23	29	14	0	25
1	13	4	47	2	3	16	0	23	29	34	0	25
1	14	4	46	2	3	15	0	24	29	59	0	26
1	15	4	45	2	4	14	0	24	30	22	0	27
1	16	4	44	2	5	13	0	24	30	43	0	27
1	17	4	43	2	5	12	0	25	31	5	0	28
1	18	4	42	2	6	11	0	25	31	24	0	28
1	19	4	41	2	6	10	0	25	31	50	0	29
1	20	4	40	2	7	9	0	26	32	11	0	29
1	21	4	39	2	7	8	0	26	33	33	0	30
1	22	4	38	2	8	7	0	26	32	55	0	30
1	23	4	37	2	8	6	0	27	33	14	0	31
1	24	4	36	2	9	5	0	27	33	38	0	31
1	25	4	35	2	9	4	0	27	34	0	0	32
1	26	4	34	2	9	3	0	28	34	21	0	32
1	27	4	33	2	9	2	0	28	34	42	0	33
1	28	4	32	2	10	1	0	28	35	3	0	33
1	29	4	31	2	10	1	0	29	35	24	0	34
1	30	4	30	2	10	2	0	29	35	44	0	34

Linee numeri communes				Equatio argumenti		Proportio minuta	Longitudo longior				Longitudo longior	
				S	M	M	S	M	S	M	S	M
1	31	4	29	2	10	3	0	34	36		0	37
1	32	4	28	2	10	4	0	35	36		0	36
1	33	4	27	2	10	5	0	35	36		0	37
1	34	4	26	2	10	6	0	36	37		0	37
1	35	4	25	2	10	7	0	36	37		0	38
1	36	4	24	2	10	8	0	37	37		0	38
1	37	4	23	2	10	9	0	37	38		0	39
1	38	4	22	2	19	10	0	38	38		0	40
1	39	4	21	2	9	11	0	38	38		0	40
1	40	4	20	2	9	12	0	39	38		0	41
1	41	4	19	2	8	13	0	39	39		0	42
1	42	4	18	2	8	14	0	40	39		0	43
1	43	4	17	2	8	15	0	41	39		0	43
1	44	4	16	2	7	16	0	41	40		0	44
1	45	4	15	2	7	17	0	42	40		0	45
1	46	4	14	2	6	18	0	43	40		0	46
1	47	4	13	2	6	19	0	43	41		0	47
1	48	4	12	2	5	20	0	44	41		0	47
1	49	4	11	2	4	21	0	45	41		0	48
1	50	4	10	2	4	22	0	46	41		0	49
1	51	4	9	2	4	23	0	47	42		0	50
1	52	4	8	2	3	24	0	48	42		0	51
1	53	4	7	2	2	25	0	49	42		0	52
1	54	4	6	2	1	26	0	50	42		0	52
1	55	4	5	2	59	27	0	51	43		0	53
1	56	4	4	2	58	28	0	51	43		0	54
1	57	4	3	1	57	29	0	52	43		0	55
1	58	4	2	1	57	30	0	53	43		0	56
1	59	4	1	1	56	31	0	54	44		0	56
1	0	4	0	1	55	31	0	54	44		0	57

Tabula equationis Veneris tertia

Dies anni communes				Equatio centri			Pars proportionalis longitudinis longioris		Equatio argumenti		Longitudo longior		Dies anni communes				Equatio argumenti			Pars proportionalis longitudinis longioris				Equatio argumenti longitudinis longioris	
S	G	S	G	S	M	2a	S	M	S	M	S	M	S	G	S	G	S	M	2a	S	M	2a	3a	S	M
2	1	3	59	1	54	32	0	55	44	27	0	58	2	31	3	29	1	5	12	1	37	44	17	1	40
2	2	3	58	1	53	33	0	56	44	26	0	59	2	32	3	28	1	3	14	1	36	43	18	1	42
2	3	3	57	1	52	34	0	56	44	27	1	0	2	33	3	27	1	1	14	1	37	43	18	1	44
2	4	3	56	1	50	35	0	58	44	27	1	1	2	34	3	26	0	19	55	1	38	41	17	1	46
2	5	3	55	1	49	36	0	59	45	6	1	2	2	35	3	25	0	15	55	1	39	41	8	1	47
2	6	3	54	1	48	37	1	0	45	14	1	3	2	36	3	24	0	55	56	1	39	40	28	1	48
2	7	3	53	1	47	38	1	1	45	21	1	5	2	37	3	23	0	52	56	1	40	39	46	1	49
2	8	3	52	1	46	39	1	2	45	27	1	6	2	38	3	22	0	50	56	1	40	38	58	1	50
2	9	3	51	1	44	40	1	3	45	33	1	8	2	39	3	21	0	48	57	1	41	38	7	1	51
2	10	3	50	1	42	40	1	4	45	39	1	9	2	40	3	20	0	46	57	1	41	27	12	1	51
2	11	3	49	1	41	41	1	5	45	45	1	10	2	41	3	19	0	44	57	1	42	36	12	1	52
2	12	3	48	1	39	42	1	6	45	50	1	11	2	42	3	18	0	42	57	1	42	3[illegible]	7	1	52
2	13	3	47	1	38	43	1	7	45	50	1	12	2	43	3	17	0	40	58	1	41	33	57	1	52
2	14	3	46	1	36	44	1	9	45	54	1	13	2	44	3	16	0	37	58	1	40	32	47	1	51
2	15	3	45	1	35	44	1	10	45	57	1	15	2	45	3	15	0	35	58	1	38	41	24	1	50
2	16	3	44	1	33	45	1	11	45	59	1	16	2	46	3	14	0	33	58	1	36	29	58	1	49
2	17	3	43	1	31	46	1	13	45	59	1	17	2	47	3	13	0	31	58	1	34	28	21	1	46
2	18	3	42	1	30	47	1	14	45	58	1	19	2	48	3	12	0	28	59	1	31	26	46	1	43
2	19	3	41	1	28	47	1	17	45	57	1	20	2	49	3	11	0	26	59	1	28	27	2	1	38
2	20	3	40	1	26	48	1	17	45	55	1	21	2	50	3	10	0	24	59	1	24	23	17	1	33
2	21	3	39	1	24	48	1	19	45	51	1	23	2	51	3	9	0	22	59	1	19	21	12	1	27
2	22	3	38	1	23	49	1	21	45	46	1	24	2	52	3	8	0	19	59	1	12	19	11	1	21
2	23	3	37	1	21	49	1	23	45	39	1	25	2	53	3	7	0	17	59	1	4	17	2	1	14
2	24	3	36	1	19	50	1	24	45	31	1	27	2	54	3	6	0	14	60	0	57	14	47	1	[illegible]
2	25	3	35	1	17	50	1	26	45	21	1	28	2	55	3	5	0	12	60	0	48	12	46	0	57
2	26	3	34	1	15	51	1	28	44	55	1	30	2	56	3	4	0	10	60	0	40	10	4	0	46
2	27	3	33	1	13	51	1	29	44	39	1	32	2	57	3	3	0	7	60	0	31	14	19	0	37
2	28	3	32	1	11	52	1	31	44	21	1	34	2	58	3	2	0	5	60	0	31	17	9	0	24
2	29	3	31	1	9	52	1	3[illegible]	44	1	1	36	2	59	3	1	0	3	60	0	11	2	36	0	12
2	30	3	30	1	7	53	1	37	44	39	1	38	2	0	3	0	0	0	60	0	0	0	0	0	0

Tabula equationis coniunctionis et oppositionis prima

Lunee anni communes				Equatio centri		Longitudo longior		Equatio argumenti		Longitudo longior	
S	S	S	S	G	M	G	M	G	M	G	M
0	1	5	59	0	3 60	0	2	0	17	0	1
0	2	5	58	0	6 60	0	4	0	33	0	2
0	3	5	57	0	9 60	0	5	0	49	0	3
0	4	5	56	0	12 59	0	7	1	5	0	4
0	5	5	55	0	15 59	0	9	1	22	0	4
0	6	5	54	0	18 59	0	10	1	38	0	5
0	7	5	53	0	20 58	0	12	1	55	0	6
0	8	5	52	0	23 58	0	14	2	11	0	7
0	9	5	51	0	27 58	0	15	2	27	0	8
0	10	5	50	0	28 57	0	17	2	44	0	9
0	11	5	49	0	30 57	0	19	3	0	0	10
0	12	5	48	0	33 57	0	20	3	16	0	11
0	13	5	47	0	37 56	0	22	3	32	0	12
0	14	5	46	0	38 56	0	23	3	48	0	13
0	15	5	45	0	40 55	0	24	4	5	0	14
0	16	5	44	0	43 55	0	26	4	22	0	15
0	17	5	43	0	47 54	0	28	4	37	0	16
0	18	5	42	0	48 54	0	29	4	53	0	17
0	19	5	41	0	50 53	0	31	5	9	0	18
0	20	5	40	0	53 53	0	33	5	21	0	19
0	21	5	39	0	55 52	0	34	5	41	0	20
0	22	5	38	0	58 51	0	36	5	57	0	21
0	23	5	37	1	0 51	0	36	6	13	0	22
0	24	5	36	1	2 50	0	39	6	29	0	23
0	25	5	35	1	5 49	0	41	6	45	0	24
0	26	5	34	1	8 48	0	43	7	1	0	25
0	27	5	33	1	10 47	0	44	7	17	0	25
0	28	5	33	1	13 46	0	46	7	33	0	26
0	29	5	31	1	15 45	0	48	7	49	0	27
0	30	5	30	1	17 44	0	49	8	4	0	28
0											

Lunee anni communes				Equatio centri		Longitudo longior		Equatio argumenti		Longitudo longior	
S	G	S	G	S	G M	S	M	G	M	G	M
0	31	5	29	1	20 43	0	51	8	20	0	29
0	32	5	28	1	23 42	0	53	8	37	0	39
0	33	5	27	1	25 41	0	54	8	50	0	31
0	34	5	26	1	28 40	0	56	9	6	0	32
0	35	5	25	1	30 39	0	58	9	21	0	33
0	36	5	24	1	33 38	0	59	9	36	0	34
0	37	5	23	1	36 36	1	1	9	51	0	35
0	38	5	22	1	38 37	1	2	10	6	0	36
0	39	5	21	1	40 34	1	4	10	21	0	37
0	40	5	20	1	43 33	1	5	10	36	0	38
0	41	5	19	1	45 32	1	7	10	51	0	39
0	42	5	18	1	47 31	1	8	11	6	0	40
0	43	5	17	1	50 29	1	10	11	21	0	41
0	44	5	16	1	52 28	1	12	11	36	0	42
0	45	5	15	1	54 27	1	13	11	50	0	43
0	46	5	14	1	57 27	1	15	12	5	0	44
0	47	5	13	1	59 24	1	16	12	19	0	45
0	48	5	12	1	1 23	1	18	12	34	0	46
0	49	5	10	2	4 21	1	20	12	48	0	47
0	50	5	10	2	6 20	1	22	13	2	0	48
0	51	5	0	2	8 19	1	23	13	16	0	48
0	52	4	8	2	10 18	1	25	13	30	0	49
0	53	4	8	2	12 16	1	26	13	44	0	50
0	54	5	0	2	14 15	1	28	13	58	0	51
0	55	5	0	2	16 13	1	30	14	12	0	52
0	56	4	0	2	18 12	1	32	14	26	0	53
0	57	5	0	2	19 11	1	34	14	39	0	53
0	58	5	0	2	21 9	1	36	14	52	0	54
0	59	5	0	2	23 8	1	38	14	5	0	55
0	60	5	0	2	25 7	1	39	14	17	0	56

Tabula Equacionis ♂ [illegible] Secunda

Linee numerorum communes				Equacio centri		Minuta proporcionalia	Longitudo longior		Equacio argumenti		Longitudo propior	
S	G	S	G	G	M	M	G	M	G	M	G	M
1	1	4	29	2	29	5	1	41	15	31	0	54
1	2	4	28	2	29	4	1	43	15	44	0	58
1	3	4	27	2	31	2	1	44	15	56	1	0
1	4	4	26	2	33	1	1	46	16	9	1	1
1	5	4	25	2	34	1	1	48	16	21	1	2
1	6	4	24	2	36	2	1	49	16	33	1	4
1	7	4	23	2	38	4	1	51	16	44	1	5
1	8	4	22	2	40	6	1	53	16	57	1	6
1	9	4	21	2	41	8	1	54	17	9	1	7
1	10	4	20	2	43	10	1	56	17	21	1	8
1	11	4	19	2	44	12	1	58	17	32	1	9
1	12	4	18	2	45	14	1	59	17	43	1	11
1	13	4	17	2	47	16	2	1	17	54	1	12
1	14	4	16	2	48	18	2	3	18	5	1	13
1	15	4	15	2	49	20	2	4	18	16	1	14
1	16	4	14	2	50	22	2	6	18	27	1	15
1	17	4	13	2	51	24	2	8	18	37	1	16
1	18	4	12	2	52	25	2	9	18	47	1	17
1	19	4	11	2	53	27	2	11	18	57	1	18
1	20	4	10	2	54	28	2	13	19	7	1	19
1	21	4	9	2	55	30	2	14	19	16	1	20
1	22	4	8	2	56	32	2	16	19	25	1	21
1	23	4	7	2	57	34	2	18	19	34	1	22
1	24	4	6	2	58	35	2	19	19	44	1	23
1	25	4	5	2	58	37	2	21	19	53	1	24
1	26	4	4	2	59	38	2	23	20	20	1	25
1	27	4	3	2	59	40	2	24	20	19	1	26
1	28	4	2	2	0	41	2	26	20	18	1	27
1	29	4	1	2	1	43	2	28	20	27	1	28
	30	4	0	2	1	44	2	29	20	33	1	29

Linee numerorum communes				Equacio centri		Minuta proporcionalia	Longitudo longior		Equacio argumenti		Longitudo propior	
S	G	S	G	G	M	M	G	M	G	M	G	M
1	31	4	29	3	1	46	2	31	20	40	1	30
1	32	4	28	3	1	47	2	33	20	44	1	31
1	33	4	27	3	2	48	2	34	20	47	1	32
1	34	4	26	3	2	49	2	36	21	1	1	33
1	35	4	25	3	2	50	2	38	21	7	1	34
1	36	4	24	3	2	51	2	39	21	13	1	35
1	37	4	23	3	2	52	2	41	21	19	1	36
1	38	4	22	3	1	53	2	43	21	24	1	37
1	39	4	21	3	1	54	2	44	21	29	1	38
1	40	4	20	3	1	55	2	46	21	34	1	39
1	41	4	19	3	0	56	2	48	21	38	1	40
1	42	4	18	3	0	56	2	49	21	42	1	41
1	43	4	17	2	59	57	2	50	21	46	1	42
1	44	4	16	2	59	57	2	52	21	49	1	43
1	45	4	15	2	58	58	2	53	21	52	1	44
1	46	4	14	2	58	58	2	55	21	55	1	45
1	47	4	13	2	57	58	2	56	21	57	1	46
1	48	4	12	2	56	59	2	58	21	59	1	47
1	49	4	11	2	55	59	3	0	22	0	1	48
1	50	4	10	2	54	59	3	1	22	1	1	49
1	51	4	9	2	53	59	3	2	22	2	1	50
1	52	4	8	2	52	59	3	3	22	2	1	51
1	53	4	7	2	51	60	3	3	22	1	1	52
1	54	4	6	2	50	60	3	4	22	0	1	53
1	55	4	5	2	49	60	3	4	22	59	1	54
1	56	4	4	2	48	60	3	5	22	58	1	55
1	57	4	3	2	46	60	3	6	22	56	1	56
1	58	4	2	2	44	60	3	6	22	53	1	57
1	59	4	1	2	42	60	3	7	22	50	1	58
2	0	4	0	2	41	60	3	8	22	44	1	59

Tabula Equacionis Mercurij Tercia

Linee numeri communis				Equatio centri	Minuta proportionalia	Longitudo longior	Equatio argumenti	Longitudo propinquior	Linee numeri communis				Equatio centri	Minuta proportionalia	Longitudo longior	Equatio argumenti	Longitudo propinquior
S	G	S	G	G M	M	G M	G M	G M	S	G	S	G	G M	M	G M	G M	G M
2	1	3	29	2 29	60	3 8	21 43	1 48	2	31	3	29	1 2[illegible]	48	2 39	17 8	1 47
2	2	3	28	2 26	60	3 9	21 38	1 48	2	32	3	28	1 24	47	2 34	[illegible]	1 43
2	3	3	27	2 23	60	3 9	21 33	1 48	2	33	3	27	1 22	47	2 32	13 [illegible]	1 4[illegible]
2	4	3	26	2 [illegible]	59	3 9	21 27	1 49	2	34	3	26	1 21	46	2 29	13 5	1 39
2	5	3	25	2 [illegible]	59	3 10	21 21	1 49	2	35	3	25	1 18	46	2 25	13 29	1 37
2	6	3	24	2 [illegible]	59	3 10	21 17	1 50	2	36	3	24	1 17	47	2 21	13 3	1 34
2	7	3	23	2 28	59	3 11	21 8	1 [illegible]	2	37	3	23	1 13	47	2 17	12 36	1 32
2	8	3	22	2 25	58	3 11	21 1	2 0	2	38	3	22	1 9	44	2 13	12 9	1 29
2	9	3	21	2 22	58	3 12	20 53	2 0	2	39	3	21	1 6	44	2 9	11 41	1 26
2	10	3	20	2 2[illegible]	58	3 12	20 44	2 0	2	40	3	20	1 3	43	2 5	11 12	1 23
2	11	3	19	2 20	57	3 12	20 35	2 1	2	41	3	19	1 0	43	2 0	10 43	1 20
2	12	3	18	2 18	57	3 11	20 27	2 1	2	42	3	18	0 57	43	1 55	10 13	1 17
2	13	3	17	2 16	57	3 11	20 14	2 1	2	43	3	17	0 54	42	1 50	9 43	1 14
2	14	3	16	2 14	56	3 10	20 2	2 1	2	44	3	16	0 51	42	1 44	9 13	1 11
2	15	3	15	2 11	56	3 9	19 50	2 1	2	45	3	15	0 48	42	1 38	8 40	1 7
2	16	3	14	2 9	56	3 8	19 34	2 1	2	46	3	14	0 45	42	1 32	8 7	1 4
2	17	3	13	2 7	55	3 7	19 24	2 0	2	47	3	13	0 42	41	1 26	7 34	1 0
2	18	3	12	2 4	55	3 6	19 10	2 0	2	48	3	12	0 39	41	1 19	7 1	0 56
2	19	3	11	2 2	54	3 5	18 55	2 0	2	49	3	11	0 35	41	1 13	6 27	0 52
2	20	3	10	2 0	54	3 4	18 40	2 0	2	50	3	10	0 32	41	1 7	5 53	0 47
2	21	3	9	1 57	[illegible]	3 2	18 24	2 0	2	51	3	9	0 28	41	1 1	5 19	0 43
2	22	3	8	1 55	[illegible]	3 1	18 7	1 59	2	52	3	8	0 25	41	0 55	4 44	0 38
2	23	3	7	1 52	[illegible]	2 59	17 50	1 58	2	53	3	7	0 22	40	0 48	4 10	0 33
2	24	3	6	1 49	[illegible]	2 [illegible]	17 32	1 58	2	54	3	6	0 19	40	0 42	3 35	0 28
2	25	3	5	1 47	[illegible]	2 [illegible]	17 19	1 54	2	55	3	5	0 16	40	0 35	3 0	0 24
2	26	3	4	1 44	[illegible]	2 53	16 51	1 55	2	56	3	4	0 13	40	0 28	2 24	0 19
2	27	3	3	1 41	[illegible]	2 51	16 34	1 53	2	57	3	3	0 9	40	0 21	1 48	0 14
2	28	3	2	1 38	49	2 48	16 14	1 51	2	58	3	2	0 6	40	0 14	1 12	0 10
2	29	3	1	1 35	49	2 47	17 13	1 50	2	59	3	1	0 3	40	0 7	0 36	0 5
2	30	3	0	1 32	48	2 42	17 37	1 44	2	0	3	0	0 0	40	0 0	0 0	0 0

Tabula equacionis dierum cum noctibus

Numerus	Capricornus		Aquarius		Pisces		Aries		Taurus		Gemini		Cancer		Leo			Virgo		Libra		Scorpius		Sagittarius	
	Equacio dierum		Equacio dierum		Equacio dierum		Equacio dierum		Equacio dierum		Equacio dierum		Equacio dierum		Equacio dierum			Equacio dierum		Equacio dierum		Equacio dierum		Equacio dierum	
	G	m	G	m	G	m	G	m	G	m	G	m	G	m	G	m	G	G	m	G	m	G	m	G	m
1	2	46	0	38	0	9	2	7	4	33	5	19	4	4	2	55	55	3	44	6	5	7	55	7	5
2	2	37	0	34	0	11	2	12	4	36	5	14	4	1	2	50	50	3	47	6	10	7	55	7	0
3	2	29	0	31	0	13	2	17	4	40	5	17	3	54	2	50	50	3	51	6	14	7	56	6	55
4	2	22	0	27	0	15	2	22	4	43	5	19	3	48	2	50	50	3	55	6	20	7	55	6	50
5	2	14	0	23	0	16	2	27	4	46	5	13	3	40	2	49	49	3	59	6	27	7	55	6	45
6	2	7	0	21	0	21	2	33	4	49	5	12	3	47	2	40	50	4	4	6	30	7	56	6	42
7	2	0	0	19	0	23	2	38	4	53	5	10	3	44	2	50	51	4	8	6	35	7	56	6	38
8	2	55	0	16	0	26	2	42	4	56	5	8	3	41	2	51	51	4	12	6	40	7	51	6	28
9	2	47	0	14	0	30	2	48	4	59	5	6	3	38	2	51	52	4	17	6	44	7	54	6	24
10	2	38	0	12	0	33	2	53	5	1	5	4	3	35	2	52	52	4	21	6	48	7	56	6	16
11	2	31	0	10	0	37	2	59	5	3	5	1	3	32	2	52	54	4	26	6	53	7	56	6	10
12	2	24	0	8	0	40	3	4	5	6	4	59	3	28	2	58	56	4	31	6	58	7	55	6	2
13	2	17	0	6	0	44	3	9	5	9	4	52	3	21	2	58	58	4	36	7	1	7	55	5	58
14	2	10	0	4	0	48	3	15	5	10	4	55	3	22	2	58	58	4	40	7	3	7	14	5	52
15	2	3	0	3	0	52	3	21	5	12	4	52	3	19	3	58	0	4	46	7	8	7	53	5	55
16	1	54	0	2	0	56	3	27	5	14	4	49	3	16	3	0	2	4	50	7	12	7	51	5	38
17	1	51	0	1	1	1	3	31	5	17	4	46	3	13	3	2	5	4	56	7	16	7	49	5	30
18	1	45	0	0	1	5	3	36	5	14	4	43	3	12	3	5	7	5	1	7	20	7	48	5	23
19	1	39	0	0	1	9	3	40	5	18	4	40	3	9	3	7	9	5	6	7	23	7	46	5	16
20	1	33	0	0	1	14	3	44	5	19	4	36	3	7	3	9	11	5	11	7	26	7	44	5	9
21	1	27	0	0	1	19	3	50	5	19	4	32	3	5	3	11	14	5	16	7	29	7	41	5	2
22	1	22	0	0	1	23	3	55	5	20	4	31	3	3	3	14	17	5	20	7	32	7	38	4	55
23	1	16	0	0	1	28	4	0	5	20	4	28	3	1	3	17	20	5	25	7	35	7	36	4	48
24	1	10	0	0	1	33	4	4	5	20	4	25	2	59	3	20	23	5	30	7	38	7	32	4	40
25	1	5	0	0	1	37	4	9	5	21	4	22	2	55	3	23	26	5	35	7	41	7	28	4	32
26	1	1	0	1	1	42	4	13	5	21	4	19	2	56	3	26	29	5	40	7	44	7	27	4	24
27	0	54	0	2	1	47	4	17	5	21	4	16	2	55	3	29	31	5	44	7	47	7	21	4	17
28	0	52	0	3	1	52	4	21	5	20	4	13	2	49	3	31	33	5	50	7	44	7	14	4	9
29	0	44	0	4	1	54	4	27	5	20	4	10	2	53	3	33	35	5	55	7	49	7	12	4	2
30	0	42	0	6	2	2	4	29	5	20	4	7	2	52	3		31	6	0	7	51	7	10	3	54

Tabula equacionis solis et lune et ad sciendum [illegible] motum solis et lune de [illegible]

Dies		Equacio solis s	g	m	Equacio lune s	g	m	Motus solis m	2	Motus lune m	2	Equacio solis s	g		m
1	29	0	3	10	0	4	46	2	23	30	18	1	4	4	26
2	28	0	5	19	0	9	13	2	23	30	18	1	6	6	37
3	27	0	6	27	0	14	17	2	23	30	18	1	8	8	28
4	26	0	8	36	0	19	0	2	23	30	19	1	10	10	19
5	25	0	10	44	0	23	44	2	23	30	19	1	12	12	4
6	24	0	12	52	0	28	28	2	23	30	19	1	13	13	58
7	23	0	15	2	0	33	11	2	23	30	20	1	15	15	41
8	22	0	17	10	0	37	54	2	23	30	20	1	17	17	24
9	21	0	19	19	0	42	37	2	23	30	20	1	19	19	6
10	20	0	21	28	0	47	19	2	23	30	21	1	20	20	48
11	19	0	23	36	0	52	0	2	23	30	21	1	22	22	29
12	18	0	25	44	0	56	41	2	23	30	21	1	24	24	10
13	17	0	27	52	1	1	20	2	23	30	22	1	25	25	[illegible]
14	16	0	30	1	1	5	59	2	23	30	22	1	27	27	29
15	15	0	32	8	1	10	38	2	23	30	23	1	29	29	8
16	14	0	34	16	1	15	17	2	23	30	23	1	30	30	46
17	13	0	36	23	1	19	51	2	23	30	24	1	32	32	23
18	12	0	38	30	1	24	24	2	23	30	24	1	33	33	59
19	11	0	40	37	1	29	0	2	23	30	25	1	35	35	40
20	10	0	42	43	1	33	32	2	23	30	25	1	38	34	0
21	9	0	44	49	1	38	3	2	23	30	26	1	39	38	30
22	8	0	46	55	1	42	33	2	23	30	27	1	40	39	48
23	7	0	49	0	1	46	1	2	23	30	27	1	42	41	24
24	6	0	51	4	1	51	24	2	23	30	28	1	44	44	57
25	5	0	53	4	1	55	13	2	23	30	29	1	47	44	49
26	4	0	55	2	2	0	15	2	23	30	31	1	46	49	34
27	3	0	57	1	2	4	34	2	24	30	32	1	48	49	11
28	2	0	58	59	2	8	54	2	24	30	33	1	49	48	10
29	1	0	0	54	2	13	14	2	24	30	35	1		49	28
30	0	0	2	54	2	17	29	2	24	30	36	1		50	54

Lune equacio s	g	m	Motus solis m	2	Motus lune ad horas m	2
2	21	43	2	24	30	37
2	25	55	2	24	30	38
2	30	5	2	24	30	40
2	34	12	2	24	30	42
2	38	17	2	24	30	43
2	42	21	2	24	30	44
2	46	21	2	24	30	45
2	50	19	2	24	30	46
2	54	14	2	24	30	47
2	58	7	2	24	30	48
3	1	58	2	24	30	50
3	5	48	2	24	30	51
3	9	31	2	24	30	53
3	13	13	2	25	30	54
3	16	55	2	25	30	58
3	20	26	2	25	31	0
3	23	59	2	25	31	0
3	27	30	2	25	31	1
3	30	57	2	25	31	3
3	34	20	2	25	31	5
3	37	40	2	25	31	8
3	40	57	2	25	31	8
3	44	10	2	25	31	10
3	47	20	2	25	31	12
3	50	26	2	25	31	14
3	53	29	2	25	31	16
3	56	30	2	25	31	18
3	59	26	2	25	31	20
4	2	17	2	25	31	22
4	5	4	2	25	31	24

Tabula veri motus lunaris in una hora et uno minuto diei

Linee numeri		Motus solis in una hora			Motus lune in una hora			Motus solis in uno minuto diei			Motus lune in uno minuto diei		
G	G	m	2	3	m	2	3	m	2	3	m	2	3
0	360	2	22	30	29	37	13	0	57	0	11	49	43
6	354	2	22	33	29	39	14	0	57	1	11	51	43
12	348	2	22	37	29	42	26	0	57	2	11	52	50
18	342	2	22	38	29	46	11	0	57	3	11	54	31
24	336	2	23	55	29	51	11	0	57	10	11	56	44
30	330	2	23	17	29	59	31	0	57	14	11	59	48
36	324	2	23	31	30	8	35	0	57	26	12	3	27
42	318	2	23	44	30	19	43	0	57	24	12	7	43
48	312	2	24	1	30	31	14	0	57	38	12	12	54
54	306	2	24	35	30	46	53	0	57	54	12	18	47
60	300	2	25	8	31	2	55	0	58	3	12	25	10
66	294	2	25	43	31	18	55	0	58	18	12	31	34
72	288	2	26	12	31	34	57	0	58	29	12	39	6
78	282	2	26	34	31	41	17	0	58	39	12	40	49
84	276	2	27	7	32	16	44	0	58	55	12	54	42
90	270	2	27	26	32	34	57	0	59	5	13	3	54
96	264	2	28	28	33	8	31	0	59	23	13	14	13
102	258	2	28	43	33	24	36	0	59	33	13	21	28
108	252	2	29	20	33	49	27	0	59	44	13	31	50
114	246	2	30	14	34	10	19	1	0	5	13	40	8
120	240	2	30	56	34	37	27	1	0	18	13	50	10
126	234	2	31	29	34	48	23	1	0	33	13	59	48
132	228	2	31	38	35	18	35	1	0	39	14	7	41
138	220	2	32	14	35	28	51	1	0	53	14	17	32
144	216	2	32	24	35	41	36	1	0	58	14	23	3
150	210	2	33	2	36	13	31	1	1	13	14	29	21
156	204	2	33	7	36	28	17	1	1	14	14	35	18
162	198	2		9	36	38	0	1	1	17	14	39	12
168	192	2		21	36	46	22	1	1	20	14	42	31
174	186	2		32	36	43	17	1	1	27	14	47	18
180	180	2		40	36	48	47	1	1	28	14	44	33

Tabula Ascensionum signorum ad latitudinem 51 gradus

Lineae numeri	Aries: Ascensiones G	M	partes horarum G	M	Thaurus: Ascensiones G	M	partes horarum G	M	Gemini: Ascensiones G	M	Partes horarum G	M	Cancer: ascensiones G	M	partes horarum G	M	Leo: Ascensiones G	M	partes horarum G	M	Virgo: Ascensiones G	M	partes horarum G	M
1	0	27	15	5	13	35	17	33	31	3	19	37	58	9	20	31	96	9	19	32	138	40	17	24
2	0	50	15	10	14	5	17	37	31	47	19	41	59	9	20	30	97	32	19	27	140	12	17	19
3	1	17	15	15	14	35	17	42	32	30	19	44	60	41	20	30	98	56	19	23	141	18	17	14
4	1	40	15	20	15	5	17	47	33	14	19	47	61	24	20	29	100	20	19	20	143	4	17	9
5	2	6	15	25	15	35	17	51	33	58	19	51	62	34	20	29	101	44	19	16	144	31	17	4
6	2	31	15	30	16	5	17	56	34	44	19	54	63	44	20	28	103	8	19	13	145	46	16	59
7	2	56	15	35	16	36	18	0	35	32	19	57	64	54	20	28	104	33	19	9	147	21	16	54
8	3	21	15	40	17	7	18	5	36	19	19	0	66	4	20	27	105	58	19	5	148	46	16	49
9	3	46	15	45	17	38	18	10	37	6	20	3	67	14	20	26	107	23	19	1	150	11	16	44
10	4	12	15	50	18	9	18	14	37	53	20	5	68	24	20	24	108	48	18	57	151	37	16	39
11	4	37	15	55	18	41	18	19	38	43	20	7	69	41	20	23	110	12	18	53	153	1	16	34
12	5	2	16	0	19	12	18	23	39	34	20	9	70	47	20	21	111	37	18	49	154	24	16	30
13	5	28	16	5	19	46	18	27	40	26	20	11	72	13	20	19	113	12	18	44	155	48	16	24
14	5	53	16	10	20	19	18	32	41	17	20	13	73	29	20	17	114	27	18	41	157	11	16	20
15	6	19	16	15	20	52	18	36	42	8	20	14	74	44	20	14	115	52	18	36	158	34	16	14
16	6	45	16	20	21	21	18	41	43	2	20	17	76	1	20	13	117	17	18	32	160	1	16	10
17	7	11	16	25	22	3	18	45	43	56	20	19	77	9	20	11	118	43	18	27	161	28	16	5
18	7	38	16	30	22	38	18	49	44	50	20	21	78	22	20	9	120	9	18	23	162	55	16	0
19	8	4	16	35	23	14	18	53	45	44	20	23	79	42	20	7	121	35	18	19	164	21	15	55
20	8	31	16	40	23	50	18	57	46	39	20	24	81	11	20	5	123	1	18	14	165	40	15	50
21	8	58	16	44	24	27	18	1	47	39	20	26	82	31	20	3	124	26	18	10	167	15	15	45
22	9	25	16	49	25	6	19	5	48	34	20	27	83	41	20	0	125	52	18	5	168	41	15	40
23	9	52	16	54	25	43	19	9	49	34	20	28	85	12	19	57	127	18	18	0	170	6	15	35
24	10	19	16	59	26	20	19	13	50	34	20	29	86	34	19	54	128	44	17	56	171	31	15	30
25	10	47	17	4	26	58	19	16	51	39	20	29	87	44	19	51	130	10	17	51	172	56	15	25
26	10	17	17	9	27	38	19	20	52	44	20	29	89	16	19	47	131	36	17	47	174	20	15	20
27	11	44	17	14	28	19	19	23	53	44	20	30	90	38	19	44	133	2	17	42	175	46	15	15
28	12	7	17	20	28	59	19	27	54	41	20	30	92	0	19	41	134	28	17	37	177	11	15	10
29	12	39	17	25	29	40	19	31	55	50	20	31	93	23	19	37	135	54	17	33	178	36	15	5
30	13	6	17	28	30	20	19	34	56	42	20	31	94	46	19	34	137	20	17	28	180	0	15	0

Residuum Tabule ascensionum in latitudine 41 graduum

Gradus signi	Libra Ascensiones G	M	Partes horarum G	M	Scorpius Ascensiones G	M	Partes horarum G	M	Sagittarius Ascensiones G	M	Partes horarum G	M	Capricornus Ascensiones G	M	Partes horarum G	M	Aquarius Ascensiones G	M	Partes horarum G	M
1	181	25	14	55	224	6	12	25	206	31	10	23	304	11	9	27	330	21	10	[illegible]
2	182	10	14	50	224	32	12	23	208		10	19	305	14	9	30	331	2	10	33
3	184	15	14	45	226	48	12	18	209	22	10	16	306	11	9	30	331	42	10	37
4	184	40	14	40	228	24	12	13	210	44	10	13	307	10	9	31	332	22	10	40
5	187	4	14	35	229	40	12	9	213	6	10	9	308	21	9	31	333	2	10	44
6	188	29	14	30	231	16	12	4	213	25	10	6	309	21	9	31	333	40	10	47
7	189	44	14	24	232	[illegible]	12	0	214	46	10	3	310	21	9	32	334	18	10	51
8	191	19	14	20	233	[illegible]	12	55	216	7	10	0	311	21	9	33	334	46	10	55
9	192	44	14	15	235	34	11	40	217	28	9	41	312	21	9	34	335	33	10	51
10	194	10	14	10	236	[illegible]	11	46	218	49	9	55	313	21	9	35	336	10	11	3
11	195	37	14	5	238	[illegible]	11	41	280	7	9	43	314	16	9	37	336	46	11	7
12	197	0	14	0	239	[illegible]	11	31	281	25	9	41	315	10	9	39	337	22	11	11
13	198	25	13	55	241	[illegible]	11	33	282	42	9	44	316	[illegible]	9	41	337	48	11	14
14	199	40	13	50	242	[illegible]	11	28	283	49	9	41	316	[illegible]	9	43	338	33	11	19
15	201	16	13	45	244	[illegible]	11	24	285	16	9	44	317	[illegible]	9	45	339	8	11	24
16	202	40	13	40	245	[illegible]	11	19	286	31	9	47	318	[illegible]	9	47	339	41	11	29
17	204	11	13	35	246	[illegible]	11	15	287	48	9	41	319	[illegible]	9	49	340	15	11	31
18	205	30	13	30	248	[illegible]	11	11	289	40	9	39	320	[illegible]	9	51	340	47	11	31
19	206	46	13	25	249	[illegible]	11	7	290	20	9	37	321	26	9	43	341	19	11	41
20	208	23	13	21	251	[illegible]	11	3	291	35	9	35	322	[illegible]	9	44	341	51	11	46
21	209	44	13	16	252	[illegible]	10	49	292	44	9	34	323	[illegible]	9	51	342	22	11	40
22	211	19	13	11	254	[illegible]	10	44	293	44	9	33	323	[illegible]	10	0	343	13	11	44
23	212	39	13	6	255	[illegible]	10	41	294	5	9	32	324	[illegible]	10	3	343	29	12	0
24	214	4	13	1	256	[illegible]	10	41	296	14	9	31	325	[illegible]	10	6	344	44	12	4
25	215	29	12	56	258	[illegible]	10	44	297	26	9	31	326	[illegible]	10	9	345	20	12	9
26	216	44	12	51	259	[illegible]	10	40	299	35	9	30	326	[illegible]	10	13	345	56	12	13
27	218	21	12	46	260	[illegible]	10	37	299	44	9	30	327	[illegible]	10	16	346	26	12	18
28	219	41	12	41	262	[illegible]	10	33	300	42	9	30	328	[illegible]	10	19	347	47	12	23
29	221	13	12	36	263	[illegible]	10	29	302	0	9	29	328	[illegible]	10	23	348	24	12	27
30	222	40	12	32	265	[illegible]	10	25	303	8	9	29	329	[illegible]	10	26	348	44	12	32

V Falap e

Piscis

Ascensiones		Partes Re.			
G	M	G	M	G	M
347	22	12	36		
347	50	12	41		
348	18	12	46		
348	46	12	51		
349	13	12	56		
349	41	13	1		
350	9	13	6		
350	36	13	11		
351	3	13	16		
351	29	13	21		
351	56	13	25		
352	22	13	30		
352	49	13	35		
353	15	13	40		
353	41	13	45		
354	7	13	50		
354	33	13	55		
354	58	14	0		
355	23	14	5		
355	48	14	10		
356	14	14	15		
356	39	14	20		
357	4	14	25		
357	29	14	30		
357	54	14	35		
358	20	14	40		
358	45	14	45		
359	10	14	50		
359	35	14	55		
360	0	15	0		

Tabula Stellarum fixarum

	Nomina Stellarum	Longitudo G	M	G	M	Pars mundi
Aries	Mirach	7	0	14	0	Septentrionalis
	Enif	22	0	32	30	Septentrionalis
Taurus	Menkar	6	0	1	0	Septentrionalis
	Aldebaran	29	0	14	20	Septentrionalis
Gemini	Rigel	11	0	10	0	Meridionalis
	Alhaiot	6	0	22	48	Septentrionalis
Cancer	Alhabor	3	0	15	30	Meridionalis
	Algomeisa	13	0	7	9	Septentrionalis
Leo	Alfart	9	0	15	30	Meridionalis
	Cor leonis	19	27	15	41	Septentrionalis
Virgo	Ezpa	20	0	35	0	Septentrionalis
	Corvus	1	0	11	30	Meridionalis
~~Libra~~	Algorab	22	0	13	30	Meridionalis
	Cauda	15	0	19	30	Septentrionalis
~~Libra~~	Althimec	23	10	22	18	Septentrionalis
	Alramec	28	0	2	0	Meridionalis
~~Scorpius~~	Nesf	14	0	13	0	Septentrionalis
	Alfeta	2	0	37	0	Septentrionalis
~~Sagittarius~~	Alhaue	21	15	7	0	Septentrionalis
	Vega	10	0	50	0	Septentrionalis
~~Capricornus~~	Althayr	21	15	7	0	Septentrionalis
	Aldnab	10	0	50	0	Septentrionalis
Aquarius	Scheat	30	0	19	0	Meridionalis
	Shrhecq	6	0	24	0	Septentrionalis
Pisces	Cauda ceti	30	0	20	0	Meridionalis

Tabula ascensionum signorum in circulo recto

Gradus	Ascensiones Capricorni G	M	Aquarius ascensiones G	M	Pisces ascensiones G	M	Aries ascensiones G	M	Taurus ascensiones G	M	
1	1	6	33	15	63	4	90	55	118	50	
2	2	11	34	17	64	1	91	50	119	48	
3	3	16	35	19	64	58	92	45	120	46	
4	4	22	36	21	65	55	93	40	121	44	
5	5	28	37	23	66	52	94	35	122	42	
6	6	33	38	25	67	48	95	30	123	40	
7	7	38	39	2[illegible]	68	45	96	25	124	[illegible]	
8	8	43	40	2[illegible]	69	41	97	20	125	36	[illegible]
9	9	48	41	28	70	37	98	16	126	35	1[illegible]
10	10	53	42	29	71	32	99	11	127	34	15
11	11	58	43	29	72	29	100	6	128	33	1[illegible]
12	13	3	44	30	73	25	101	1	129	32	1
13	14	8	45	30	74	21	101	57	130	31	16
14	15	13	46	30	75	17	102	52	131	30	16
15	16	18	47	30	76	12	103	47	132	30	16
16	17	23	48	30	77	8	104	43	133	30	16
17	18	27	49	29	78	3	105	39	134	30	16
18	19	31	50	28	78	59	106	35	135	30	16
19	20	35	51	27	79	54	107	31	136	31	16
20	21	39	52	26	80	49	108	29	137	31	16
21	22	43	53	24	81	44	109	23	138	32	16
22	23	47	54	22	82	40	110	19	139	33	1[illegible]
23	24	51	55	22	83	35	111	15	140	34	[illegible]
24	25	55	56	20	84	30	112	12	141	35	[illegible]
25	26	59	57	19	85	25	113	8	142	37	[illegible]
26	28	1	58	17	86	20	114	5	143	39	[illegible]
27	29	4	59	14	87	15	115	2	144	41	[illegible]
28	30	7	60	12	88	10	115	59	145	43	[illegible]
29	31	10	61	10	89	5	116	57	146	45	[illegible]
30	32	12	62	7	90	0	117	53	147	48	1[illegible]

Gradus	Gemini ascensiones G	M	Cancer ascensiones G	M	Leo ascensiones G	M	Virgo ascensiones G	M
1	148	50	181	6	213	15	243	4
2	149	53	182	11	214	17	244	1
3	150	56	183	17	215	19	244	58
4	151	59	184	22	216	21	245	55
5	153	2	185	28	217	23	246	52
6	154	5	186	33	218	25	247	48
7	155	9	187	38	219	26	248	45
8	156	13	188	43	220	27	249	41
9	157	17	189	48	221	28	250	37
10	158	21	190	53	222	29	251	33
11	159	24	191	58	223	29	252	29
12	160	29	193	3	224	30	253	25
13	161	33	194	8	225	30	254	21
14	162	37	195	13	226	30	255	17
15	163	42	196	18	227	30	256	12
16	164	47	197	23	228	30	257	8
17	165	52	198	27	229	29	258	3
18	166	57	199	31	230	28	258	59
19	168	2	200	35	231	27	259	54
20	169	7	201	39	232	26	260	49
21	170	12	202	43	233	24	261	44
22	171	17	203	47	234	22	262	40
23	172	22	204	51	235	22	263	35
24	173	27	205	53	236	20	264	30
25	174	33	206	58	237	18	265	25
26	175	38	208	1	238	16	266	20
27	176	43	209	4	239	14	267	15
28	177	49	210	7	240	12	268	10
29	178	54	211	10	241	10	269	5
30	180	0	212	17	242	7	270	0

Tabula ... stationum

Libra Scorpius Sagittarius et ... Et inter ... argiste ...

ascen[siones]		ponens ascen[sio]		ascen[sio]			S	G	M	
							S	×	×	Porta ...
G	M	G	M	G	M	Media statio prima	3	24	44	
270	44	298	49	328	40		3	27	30	Retrogradacio media
271	40	299	48	329	43	Retrogradacio prima	8	4	30	
272	47	300	46	330	46		8	4	16	Statio 2a prima
273	40	301	44	331	49	Porta ...	S	G	M	
274	37	302	42	333	2		4	4	7	Media statio prima
274	30	303	40	332	7	Retrogradacio media	4	4	11	
276	27	304	38	334	9		4	22	49	Retrogradacio prima
277	20	307	36	336	13	Statio 2a prima	4	27	44	
278	16	306	34	339	17		S	G	M	Porta ...
279	11	307	34	[illegible]	21	Media statio prima	7	4	28	
280	6	308	33	339	24		7	19	27	Retrogradacio media
281	0	309	32	340	29	Retrogradacio prima	6	10	47	
281	74	310	31	341	33		6	22	33	Statio 2a prima
282	72	311	30	342	37	Porta ...	S	G	M	
283	[illegible]	312	30	343	42		7	17	41	Media statio prima
284	[illegible]	313	30	344	47	Retrogradacio media	7	18	21	
284	37	314	30	344	42		6	4	39	Retrogradacio prima
286	34	314	30	346	47	Statio 2a prima	6	32	9	
287	21	316	31	347	2		S	G	M	Porta ...
288	29	317	31	349	7	Media statio ...	4	28	42	
289	23	318	32	340	12		4	24	14	Retrogradacio media
290	[illegible]	319	33	341	17	Retrogradacio prima	4	2	46	
291	[illegible]	320	33	342	22		4	7	16	Statio 2a prima
292	12	321	30	343	27					
293	8	322	[illegible]	347	32					
294	4	323	30	344	38					
297	2	324	[illegible]	346	43					
294	49	324	[illegible]	347	49					
296	47	326	[illegible]	348	47					
297	17	327	[illegible]	360	0					

Tabula equationis seu diversitatis portionum seu altitudinum

Arcus diei quando gradus		Longitudo portionum		Excessus	Arcus
G	G	G	m	m	m
6	354	0	21	0	0
12	348	0	42	0	0
18	342	1	42	0	1
24	336	2	42	1	2
30	330	4	1	1	3
36	324	5	21	1	4
42	318	7	18	2	5
48	312	9	15	2	6
54	306	11	37	2	8
60	300	14	0	3	9
66	294	16	48	3	11
72	288	19	36	4	13
78	282	22	36	4	14
84	276	25	36	5	16
90	270	28	43	6	17
96	264	31	48	6	19
102	258	34	54	7	21
108	252	38	0	8	22
114	246	41	0	8	24
120	240	44	0	9	26
126	234	46	47	9	27
132	228	49	30	10	28
138	222	52	39	10	29
144	216	53	42	11	30
150	210	55	34	11	30
156	204	57	15	11	31
162	198	58	18	14	31
168	192	59	21	14	32
174	186	59	41	14	32
180	180	60	0	14	32

Tabula portionum

Gradus portionis			Minuta portionis		Gradus portionis						Differentia	
G	G	S	S	m	G	G	S	m	G	G	S	m
2	358	0	0	2	62	298	14	72	122	238	44	0
4	356	0	0	6	64	296	15	45	124	236	45	0
6	354	0	0	12	66	294	16	41	126	234	46	7
8	352	0	0	20	68	292	17	38	128	232	47	26
10	350	0	0	30	70	290	18	36	130	230	48	57
12	348	0	0	43	72	288	19	36	132	228	49	30
14	346	0	0	55	74	286	20	36	134	226	50	19
16	344	1	1	14	76	284	21	36	136	224	51	6
18	342	1	1	34	78	282	22	36	138	222	51	40
20	340	1	1	55	80	280	23	36	140	220	52	32
22	338	1	2	18	82	278	24	36	142	218	53	11
24	336	2	2	41	84	276	25	36	144	216	53	48
26	334	2	3	5	86	274	26	36	146	214	54	24
28	332	3	3	27	88	272	27	44	148	212	55	49
30	330	3	3	54	90	270	28	54	150	210	56	34
32	328	3	4	21	92	268	29	44	152	208	57	8
34	326	4	4	50	94	266	30	4	154	206	57	42
36	324	4	5	21	96	264	31	48	156	204	58	15
38	322	5	5	51	98	262	32	30	158	202	58	43
40	320	6	6	34	100	260	33	7	160	200	59	8
42	318	6	7	13	102	258	33	45	162	198	59	31
44	316	7	7	52	104	256	34	25	164	196	59	50
46	314	7	8	31	106	254	36	58	166	194	59	7
48	312	8	9	14	108	252	37	50	168	192	59	21
50	310	9	10	0	110	250	38	0	170	190	59	33
52	308	10	10	40	112	248	39	0	172	188	59	43
54	306	10	11	37	114	246	41	0	174	186	59	11
56	304	11	12	41	116	244	42	0	176	184	59	56
58	302	12	13	10	118	242	43	0	178	182	59	58
60	300	12	14	0	120	240	44	0	180	180	59	0

Tabula latitudinis lune

Linee numeri		lat^do lune et 1 assa^tis			2 lat^do lune et 2 assa^tis			3 lat^do lune et 3 assa^tis			4 lat^do lune et 4 assa^tis			5 lat^do lune et 5 assa^tis			lat^do lune et 6 assa^tis		
G	G	G	m	2	G	m	2	G	m	2	G	m	2	G	m	2	G	m	2
1	29	0	5	13	3	33	24	4	22	22	4	59	48	4	17	7	2	25	17
2	28	0	10	27	3	38	52	4	24	51	4	59	50	4	14	22	2	20	40
3	27	0	15	40	3	44	57	4	27	14	4	59	37	4	11	30	2	16	2
4	26	0	20	53	3	47	39	4	29	34	4	59	15	4	8	37	2	11	22
5	25	0	26	7	3	51	51	4	31	49	4	58	51	4	5	38	2	6	40
6	24	0	31	19	3	57	10	4	33	59	4	58	21	4	2	24	2	1	56
7	23	0	36	31	3	0	21	4	36	4	4	57	54	3	59	28	1	57	8
8	22	0	41	42	3	4	29	4	38	4	4	57	4	3	56	16	1	52	17
9	21	0	46	52	3	8	35	4	40	0	4	56	17	3	53	0	1	47	23
10	20	0	52	1	3	13	39	4	41	52	4	55	27	3	49	40	1	42	27
11	19	0	57	9	3	16	39	4	43	38	4	54	28	3	46	17	1	37	29
12	18	1	2	16	3	20	35	4	45	18	4	53	25	3	42	49	1	32	31
13	17	1	7	23	3	24	26	4	46	52	4	52	17	3	39	17	1	27	33
14	16	1	12	30	3	28	14	4	48	20	4	51	3	3	34	41	1	22	34
15	15	1	17	36	3	32	0	4	49	44	4	49	44	3	32	0	1	17	34
16	14	1	22	34	3	35	41	4	51	3	4	48	20	3	28	17	1	11	30
17	13	1	27	33	3	39	17	4	52	17	4	46	5	3	28 / 20	26	1	7	23
18	12	1	32	31	3	42	49	4	53	37	4	45	18	3		36	1	2	16
19	11	1	37	29	3	46	17	4	54	28	4	43	38	3	16	39	0	57	9
20	10	1	42	27	3	49	40	4	55	27	4	41	52	3	13	39	0	52	1
21	9	1	47	23	3	53	0	4	56	17	4	40	0	3	8	30	0	46	52
22	8	1	52	17	3	56	16	4	57	4	4	38	4	2	4	29	0	41	42
23	7	1	57	8	3	59	28	4	57	54	4	36	4	2	0	21	0	36	31
24	6	2	1	56	4	2	37	4	58	27	4	33	49	2	56	10	0	31	19
25	5	2	6	40	4	5	38	4	58	55	4	31	44	2	51	57	0	26	16
26	4	2	11	22	4	8	37	4	59	15	4	29	34	2	47	39	0	20	52
27	3	2	16	2	4	11	34	4	59	37	4	27	14	2	43	17	0	15	4
28	2	2	20	40	4	14	22	4	59	50	4	24	41	2	38	21	0	10	27
29	1	2	25	17	4	17	7	4	59	48	4	22	22	2	34	24	0	5	13
30	0	2	29	43	4	19	44	4	0	0	4	19	46	2	29	42	0	0	0
		11			10			9			8			7					

Tabula ... equationis ... lune ad solem

G	G	m
0	360	0
6	354	0
12	348	0
18	342	0
24	336	1
30	330	1
36	324	1
42	318	2
48	312	2
54	306	2
60	300	3
66	294	3
72	288	4
78	282	4
84	276	5
90	270	5
96	264	6
102	258	7
108	252	8
114	246	8
120	240	9
126	234	9
132	228	10
138	222	10
144	216	11
150	210	11
156	204	11
162	198	12
168	192	13
~~174~~	186	12
180	180	12

in longitudine ... longior

Tabula eclipsis longitudinis lune ...

m	2	puncta ... eclipsis	m	2
31	0	0	0	0
28	18	1	12	30
24	34	2	11	30
22	42	3	20	25
20	17	4	23	33
17	28	5	24	36
14	41	6	27	36
12	3	7	28	34
9	20	8	29	33
6	38	9	30	14
3	55	10	30	45
1	3	11	30	19
0	0	12	31	0

Puncta ... ad solem et ad lunam — Tabula eclipsis ...

Puncta	Puncta m		Puncta m		G	m	G	m	m	m	m	2
1	0	20	0	30	349	30	180	30	11	34	33	30
2	1	0	1	10	349	0	181	0	10	28	33	15
3	2	44	2	8	348	30	181	30	9	40	33	25
4	3	40	3	10	348	0	182	0	8	46	32	15
5	4	40	4	30	347	30	182	30	8	7	31	31
6	5	40	5	30	347	0	183	0	7	12	30	19
7	7	40	6	40	346	30	183	30	6	20	29	17
8	8	0	8	0	346	0	184	0	5	28	27	13
9	9	20	9	10	345	30	184	30	4	37	26	12
10	10	40	10	20	345	0	185	0	4	25	24	2
11	11	50	11	20	344	30	185	30	2	53	21	17
12	12	0	12	0	344	0	186	0	2	0	18	32
Tabula continuationis					343	30	186	30	1	9	14	16
Condicio eclipsis solis et lune					343	0	187	0	0	17	7	16
... eclipsis					342	30	187	30	0	0	0	0

Tabula eclipsis pro ...

Puncta	Puncta	m	Puncta	m
1	0	20	0	30
2	1	0	1	10
3	1	50	2	5
4	2	40	3	10
5	3	20	4	20
6	4	40	5	30
7	5	50	6	42
8	7	0	8	0
9	8	10	9	10
10	9	20	10	20
11	10	20	11	20
12	12	0	12	0

Tabula eclipsis solis ad longitudinem [illegible] septentrionalem

Porcio latitudinis septentrionalis				Puncta eclipsis		Minuta casus	
G	M	G	M	Pt	M	M	2
6	37	173	23	0	0	0	0
6	30	173	30	0	11	5	30
6	0	174	0	1	5	13	7
5	30	174	30	1	55	17	17
5	0	175	0	2	47	19	10
4	30	175	30	3	30	22	41
4	0	176	0	4	29	29	41
3	30	176	30	5	21	26	15
3	0	177	0	6	13	27	21
2	30	177	30	7	6	28	39
2	0	178	0	[illegible]	59	29	28
1	30	178	30	8	48	30	7
1	0	179	0	9	29	30	35
0	30	179	30	10	32	30	51
0	0	180	0	10	47	30	55
9	30	180	30	11	32	30	51

Tabula eclipsis solis ad longitudinem [illegible]

Porcio longitudinis septentrionalis				Puncta eclipsis		Minuta casus	
G	M	G	M	Pt	M	M	2
7	1	172	59	0	0	0	0
7	0	173	0	0	17	7	56
6	30	173	30	1	9	18	11
6	0	174	0	2	0	18	33
5	30	174	30	2	52	21	37
5	0	175	0	3	44	24	2
4	30	175	30	4	19	26	12
4	0	176	0	5	28	27	33
3	30	176	30	6	20	29	17
3	0	177	0	7	12	30	10
2	30	177	30	8	5	31	31
2	0	178	0	8	56	32	51
1	30	178	30	9	37	32	29
1	0	179	0	10	48	33	17
0	30	179	30	11	30	33	30
0	0	180	0	12	48	33	38

Tabula eclipsis solis ad longitudinem [illegible]

Arg. lat. mediate				Puncta eclipsis		Minuta casus	
G	M	G	M	Pt	M	M	2
349	30	180	30	11	32	30	51
349	0	181	0	9	29	30	27
348	30	181	30	8	28	30	7
348	0	182	0	7	29	29	28
347	30	182	30	6	26	28	39
347	0	183	0	6	13	27	21
346	30	183	30	5	21	26	15
346	0	184	0	4	29	29	41
345	30	184	30	3	37	22	41
345	0	185	0	2	47	20	10
344	30	185	30	1	55	17	10
344	0	186	0	1	5	13	7
343	30	186	30	0	11	5	30
343	0	187	0	0	0	0	0
[illegible]	30						
342	0						

Tabula eclipsis ad latitudinem [illegible] — Tabula latitudinis lune [illegible]

Arg. lat. a lib.				Puncta eclipsis		Minuta casus		Arg. lat.		a lib.		Arg. lat. meridional						
G	M	G	M	Punc	M	M	2	S	G	S	G	S	G	S	G	S	M	2
349	30	180	30	11	32	33	30	0	0	6	0	12	0	6	0	0	0	0
349	0	181	0	10	28	33	14	0	1	5	29	11	29	6	1	0	5	13
348	30	181	30	9	47	32	44	0	2	5	28	11	28	6	2	0	10	27
348	0	182	0	8	46	32	14	0	3	5	27	11	27	6	3	0	15	[illegible]
347	30	182	30	8	5	31	51	0	4	5	26	11	26	6	4	0	20	51
347	0	183	0	7	12	30	19	0	5	5	25	11	25	6	5	0	26	7
346	30	183	30	6	20	29	17	0	6	5	24	11	24	6	6	0	31	13
346	0	184	0	5	28	27	13	0	7	5	23	11	23	6	7	0	36	41
345	30	184	30	4	37	26	12	0	8	5	22	11	22	6	8	0	41	42
345	0	185	0	3	47	22	2	0	9	5	21	11	21	6	9	0	46	12
344	30	185	30	2	53	21	17	0	10	5	20	11	20	6	10	0	52	1
344	0	186	0	[illegible]	0	18	32	0	11	5	19	11	19	6	11	0	57	9
343	30	186	30	1	9	14	16	0	12	5	18	11	18	6	12	1	2	16
343	0	187	0	0	17	7	16	0	13	5	17	11	17	6	13	1	7	23
342	30	187	30	0	0	0	0	0										

longitudinem longiorem Tabula eclipsis lune ad suam longitudinem

Tabula eclipsis lune ad suam propriorem puncta

Argumentum a nodo S	m	Latitudo lune m	2	puncta eclipsis	minuta casus m	2	minuta more m	2	Longitudo lune a nodo S	m	m	2	puncta	minuta casus m	2	minuta more m	2
9	11	42	0	0	0	0	0	0	12	27	63	36	0	0	0	0	0
8	23	40	33	1	17	36	0	0	11	41	60	39	1	19	9	0	0
8	18	48	7	2	22	39	0	0	11	7	57	43	2	27	10	0	0
7	46	54	28	3	27	16	0	0	10	33	44	56	3	33	34	0	0
7	17	43	10	4	29	44	0	0	9	48	41	44	4	36	53	0	0
6	49	20	43	5	30	14	0	0	9	24	18	46	5	40	42	0	0
6	20	38	14	6	36	22	0	0	8	49	44	49	6	43	42	0	0
5	53	34	48	7	39	5	0	0	8	14	42	3	7	47	18	0	0
5	22	33	22	8	41	42	0	0	7	41	40	6	8	49	27	0	0
4	54	30	43	9	43	5	0	0	7	7	37	9	9	41	40	0	0
4	26	28	57	10	47	44	0	0	6	33	38	13	10	53	30	0	0
4	48	24	48	11	45	12	0	0	5	49	33	16	11	55	25	0	0
3	30	23	30	12	47	57	0	0	5	27	28	19	12	56	29	0	0
3	3	21	3	13	48	11	10	27	4	41	24	23	13	54	47	12	34
2	29	18	34	14	34	14	14	23	4	17	25	26	14	52	14	17	16
2	5	16	8	15	33	24	17	5	3	43	19	23	17	40	3	20	32
1	27	13	40	16	32	5	19	7	3	9	16	33	16	38	27	22	38
1	9	11	13	17	31	9	20	39	3	36	13	36	17	39	20	29	18
1	41	8	44	18	30	27	21	49	3	2	10	40	18	36	37	26	2
0	12	6	18	19	29	48	22	30	1	28	7	40	19	38	46	27	12
0	44	3	50	20	29	41	23	11	0	24	4	43	20	34	34	27	42
0	16	1	23	21	29	31	23	28	0	20	1	46	21	35	23	28	13
0	0	0	0	21	29	30	23	30	0	0	0	0	21	35	20	28	16

Tabula eclipsis pro inclinatione ... proportionali

0	40	9	0
1	67	43	0
2	47	54	0
3	29	49	0
4	23	44	0
5	31	50	0
6	31	46	0
7	26	43	0
8	21	39	0
9	16	36	0
10	11	32	0
11	6	29	0
12	2	26	40
13	0	23	54
14	0	21	42
15	0	19	43
16	0	15	36
17	0	12	29
18	0	10	22
19	0	7	16
20	0	4	10
21	0	2	4

Tabula eclipsis lunaris ad lo[ngitudinem] — Tabula eclipsis lunaris ad long[itudinem] [illegible]

Argumentum latitudinis				Digiti [illegible]		Minuta casus		Minuta more	
G	M	G	M	Dt	M	M	2	M	2
11	0	169	0	0	0	0	0	0	0
10	30	169	30	0	40	12	12	0	0
10	0	170	0	1	40	29	30	0	0
9	30	170	30	2	40	24	32	0	0
9	0	171	0	3	32	28	7	0	0
8	30	171	30	4	35	31	13	0	0
8	0	172	0	5	30	34	10	0	0
7	30	172	30	6	25	36	27	0	0
7	0	173	0	7	23	38	4	0	0
6	30	173	30	8	21	40	28	0	0
6	0	174	0	9	20	43	11	0	0
5	30	174	30	10	17	44	36	0	0
5	0	175	0	11	14	42	12	0	0
4	30	175	30	12	11	46	4	0	0
4	0	176	0	13	9	34	43	10	21
3	30	176	30	14	7	36	1	13	47
3	0	177	0	15	43	44	14	14	48
2	30	177	30	16	23	3	38	17	40
2	0	178	0	17	0	3	31	19	14
1	30	178	30	17	57	29	32	20	12
1	0	179	0	18	53	29	42	20	12
0	30	179	30	19	50	29	19	21	16
0	0	180	0	20	46	29	16	21	12

Argumentum latitudinis septentrionalis				Puncta	Eclipsis		Minuta casus		Minuta more	
G	M	G	M	Puncta	M	M	2		M	2
13	0	167	0	0	0	26	12	25	0	0
12	30	167	30	1	1	13	20	52	0	0
12	0	168	0	2	2	2	26	7	0	0
11	30	168	30	3	2	50	34	22	0	0
11	0	169	0	4	3	38	34	27	0	0
10	30	169	30	5	4	34	37	0	0	0
10	0	170	0	6	5	29	41	27	0	0
9	30	170	30	7	6	10	43	26	0	0
9	0	171	0	8	6	54	44	21	0	0
8	30	171	30	9	7	41	47	25	0	0
8	0	172	0	10	8	31	49	28	0	0
7	30	172	30	11	9	26	51	6	0	0
7	0	173	0	12	10	11	52	24	0	0
6	30	173	30	13	10	44	54	9	0	0
6	0	174	0	14	11	43	55	20	0	0
5	30	174	30	15	12	35	47	14	9	7
5	0	175	0	16	13	27	35	53	14	9
4	30	175	30		14	25	40	54	17	25
4	0	176	0		15	7	39	9	19	57
3	30	176	30		16	50	37	50	21	57
3	0	177	0		16	38	36	51	23	32
2	30	177	30		17	24	36	0	24	49
2	0	178	0		18	14	35	31	24	49
1	30	178	30		19	5	35	5	26	32
1	0	179	0		19	54	34	49	27	16
0	30	179	30		20	43	34	40	27	16
0	0	180	30		21	31	34	35	27	27

Nota punctorum eclipsis [illegible]
[illegible] eclipsis solis et lune
[illegible] eclipsis lune et solis
Puncta eclipsis lune ad minuta
[illegible]

Tabula [illegible] eclipsis

Modus [illegible] adinveniendi [illegible] proportionale ad 30 [illegible] in columpnis
[illegible] defectu
[illegible] calculatoris eclipsium [illegible] ad [illegible] minuta
[illegible] et productum [illegible] 30 et [illegible] proportionem [illegible]
[illegible] et [illegible] ad [illegible] proportionem [illegible]
[illegible] proportionem / [illegible] eclipsis ad longitudinem [illegible]
[illegible] 20 [illegible]
14229 dividendo [illegible] 30 [illegible] 408 et [illegible] 1828
[illegible] proportionem [illegible] eclipsis [illegible] // [illegible]
[illegible] eclipsis ad longitudinem 10 [illegible] 12 [illegible]
[illegible] ad longitudinem [illegible] 12 [illegible] 8 [illegible] 12 [illegible]
[illegible] 99 [illegible]
[illegible] 30 2893 [illegible]
186802 dividendo [illegible] 30 et [illegible] eclipsis [illegible] proportionem [illegible] 11/
[illegible] proportionem [illegible] 13 [illegible] 71 [illegible]
[illegible]
[illegible] proportionem [illegible]
[illegible] 120 et [illegible] proportionem [illegible]
[illegible]
[illegible]
[illegible] proportionem 34 [illegible]
[illegible] 98124 [illegible]
[illegible]
[illegible] proportionem 13238 [illegible]
[illegible] 2908 [illegible] proportionem 13238 [illegible] 12
[illegible] 3284 [illegible]
[illegible] 400 [illegible] proportionem [illegible] 1 [illegible] 148
[illegible] ad longitudinem [illegible]
[illegible] 146 [illegible] proportionem [illegible]
[illegible] 30 269 [illegible] 36 [illegible]
[illegible] ad longitudinem [illegible] 36 [illegible]
[illegible] proportionem 236 [illegible]
[illegible] 231
[illegible] 149 [illegible]
[illegible] 42214 [illegible]
[illegible] proportionem [illegible] ad longitudinem [illegible] 14
[illegible]
[illegible]
[illegible]

[illegible] ad [illegible] medio lune [illegible]
16 [illegible] 73 961

~~Pro hora 12 2 [illegible]~~
~~[illegible] lune in vna hora 36 minuta~~
11 2 [illegible] 9

Pro hora a 24 [illegible]
Motus lune in vna hora 36 6 12
Superatio lune in vna hora 33 [illegible] 36
[illegible] 12 [illegible] 16
[illegible] in [illegible] 11 9 8 2 0
Tempus [illegible] [illegible] [illegible] [illegible]
[illegible] superatio lune in vna
[illegible] 49 [illegible] 12 2 [illegible]
Tempus [illegible] eclipsis a [illegible]
[illegible] eclipsis [illegible]
Tempus [illegible] eclipsis 26 [illegible] 14 47
[illegible]
Tempus [illegible] eclipsis 26 [illegible] 14 9
Totalis [illegible] eclipsis [illegible] hora
48 [illegible]
Tempus [illegible] eclipsis [illegible]
[illegible] motus [illegible] in vna hora [illegible]
[illegible] 21 [illegible] 36 [illegible] 8446
[illegible] tempus [illegible] eclipsis
[illegible] in vna hora 30
390 [illegible]
[illegible] 20 [illegible] 44 [illegible]
[illegible] ad [illegible] eclipsis 1 [illegible]
[illegible] ad [illegible] eclipsis 1 [illegible]
Motus lune [illegible] 36 6 12
Motus lune in vna hora [illegible] eclipsis
in [illegible] 11 9 9 4 2
[illegible] tempus [illegible]
[illegible] eclipsis [illegible] lune in
vna hora 6 16 6 0 4 [illegible]
[illegible] 34 [illegible] 19 [illegible]
[illegible] ad [illegible] eclipsis 1 [illegible]
[illegible] latitudo lune [illegible] ad [illegible]
eclipsis [illegible] 19 [illegible] 46
[illegible] lune ad [illegible] eclipsis 1 [illegible]
[illegible] latitudo lune [illegible] ad [illegible] eclipsis
8 [illegible] 44 10
[illegible] latitudo lune
[illegible] 11 [illegible]
[illegible] lune [illegible]
eclipsis [illegible] 8 2 4 0 6 8 [illegible]

Pro [illegible] alan [illegible] 3 [illegible] 11 8
[illegible] latitudo lune ad [illegible] eclipsis [illegible] 23 [illegible]
[illegible] latitudo lune recepte [illegible]
tabula [illegible]
[illegible] latitudo lune ad [illegible] eclipsis [illegible] in
[illegible] 10 3 6 0 9 0
Latitudo lune ad [illegible] eclipsis [illegible] 10
[illegible] motus [illegible]
~~3 38 19 [illegible] 20~~ [illegible]
~~[illegible] latitudo lune [illegible] 8 4 22 32~~ [illegible]

[illegible] alia [illegible] eclipsis [illegible]
[illegible] sol [illegible] luna [illegible]
[illegible] eclipsis [illegible] 1 2 2 4
[illegible] tempus [illegible]
[illegible] 2 [illegible] 33 [illegible]
[illegible] sol
[illegible]

[illegible] 2 [illegible] 2 [illegible]
[illegible] a 6 [illegible]
[illegible] 24 [illegible] 48 [illegible]
[illegible] 11
Tempus [illegible] 10 24 29 4a 19 [illegible]
[illegible]
Tempus [illegible] 23 40 [illegible] 30
[illegible] 9 4a [illegible]
[illegible] 10 21 [illegible] 10 10 12
[illegible]
[illegible] latitudo lune ad [illegible] eclipsis
[illegible] 29 36 4 1 [illegible] eclipsis [illegible]
[illegible]
[illegible] motus [illegible] 48 [illegible]
[illegible] 1 30 28 20 24
[illegible] 28 11 29 14
Pro hora [illegible]
[illegible] sol 1 10 29 [illegible]
[illegible]
[illegible] motus [illegible]
[illegible] 0 [illegible]
[illegible] lune [illegible] 44 [illegible] 44 3
Pro hora 1 [illegible] 23 [illegible] 0 [illegible]
[illegible] lune [illegible] 16 20 [illegible]
[illegible] motus [illegible]
[illegible] 46 9 [illegible] 0

longitudo lune [illegible] 19629 [illegible]
[illegible] 16 [illegible] 8 9 3 28 19669
[illegible] 12 26 [illegible]
1638 [illegible] 12 16 [illegible]
longitudo [illegible] 29 30 [illegible]
medietas [illegible] 2 4 1 12 30
[illegible] argumenti lune [illegible]
[illegible] longitudo [illegible] lune
[illegible] lune [illegible] motu
lune [illegible] hora [illegible] 42 [illegible]
[illegible] motu [illegible] 3 11
[illegible] 24 40 [illegible] addenda
[illegible] hora 2 32 41
[illegible] motu lune [illegible] hora 18 40
[illegible] 12 [illegible] 98 [illegible]
[illegible] lune [illegible] 31 22 41
[illegible] lune [illegible] 28 40 0
[illegible]
[illegible] 26
[illegible] 28 [illegible]
[illegible] 10 [illegible] 1024 32
longitudo [illegible] 11 0 0 40
Tempus [illegible]
[illegible]
[illegible] 11 [illegible]
[illegible] 14 [illegible]
28 26 [illegible] 30
[illegible]
9 [illegible] 18 [illegible]
[illegible] 22 [illegible] 28
11 20 31
[illegible]
[illegible]
[illegible] 27 [illegible]
[illegible]
[illegible] 12 [illegible] addenda [illegible]
[illegible] 12 [illegible]
[illegible] longitudo [illegible]
[illegible] 12 [illegible]
[illegible] lune [illegible] 12 [illegible]
[illegible] lune [illegible]

[illegible] fiat [illegible] latitudo [illegible] longitudo [illegible]
[illegible] longitudo [illegible] 12 [illegible] addatur [illegible]
latitudo [illegible] addita [illegible] lune [illegible]
et [illegible] lune [illegible]
[illegible] longitudo [illegible]
medius motus [illegible]
[illegible] 28 1 [illegible]
medius motus [illegible]
3 48 11 [illegible] 43
[illegible] 28 24 [illegible] 24 28
[illegible] 129 [illegible] 21 0 [illegible]
[illegible] 14 [illegible]
[illegible] 3 [illegible] 43
medius motus lune [illegible]
[illegible]
6 1 [illegible] 22 39
medius motus lune [illegible]
3 42 27 [illegible]
[illegible] 26 38 16
[illegible]
[illegible]
[illegible] 11 32 38 [illegible] 29 38 22 31
[illegible]
[illegible] 8 [illegible] 31 33 [illegible]
[illegible] 1 [illegible] 24 [illegible]
[illegible]
[illegible] 44 34
[illegible] 26 38 16 [illegible]
[illegible]
[illegible]
[illegible] 33 [illegible] 2002
[illegible]
[illegible] 1 30 12 34
[illegible]
[illegible] 33 41
[illegible]
[illegible] 44 [illegible]
[illegible] 18 12
[illegible] 1629
[illegible]
addenda [illegible]
[illegible] 38 48
[illegible]
[illegible]
[illegible] 8 [illegible]

[illegible]

2 2 8 3 3 40 / 2 7 2 9 7 a
2 8 2 6 1 a

[illegible]

<…> 1 6 8 d <…> [illegible]

1 2 3 8 8 2 8 10 [illegible]

[illegible]

[illegible] duas dimensiones capacitatis [illegible] 6 [illegible]
[illegible] proportio [illegible] 1 7 3 4
[illegible] capacitatis [illegible] longitudine [illegible]
[illegible] 26 [illegible] adiacentis [illegible]
[illegible] 6 7 [illegible] 1 7 3 4 [illegible]
[illegible] capacitatis [illegible] longitudinis [illegible]
2 8 [illegible] duas [illegible]
[illegible] proportio [illegible] 4 7 2 [illegible]
[illegible] capacitatis [illegible] et [illegible]
[illegible] 30 [illegible] 2 [illegible]

[illegible] circuli [illegible] et [illegible]
[illegible] capacitatis [illegible]
[illegible] 9 6 0 [illegible]
[illegible] 1 7 22 [illegible] addenda [illegible]
[illegible] capacitatis [illegible]
2 [illegible] capacitatis longitudinis [illegible]
[illegible] 30 [illegible]
[illegible] 22 [illegible]
[illegible] 7 3 6 [illegible] 9 3 8 0 [illegible]
7 3 6 1 0 [illegible] 9 6
[illegible] 2 [illegible] duplum
[illegible] addenda [illegible]
[illegible]
[illegible] capacitatis [illegible]
[illegible]
[illegible] 8 9 0 [illegible]
0 9 [illegible] 28

[illegible]
[illegible]
[illegible] capacitatis longitudinis [illegible]
22 33 27 1 26 37

[illegible] 1 26 37 [illegible]
[illegible] 22 24
[illegible] 1 26 37 [illegible]
[illegible] capacitatis
[illegible] 2 39 30 addenda
[illegible] longitudinis [illegible] 24 39
[illegible] capacitatis [illegible]
[illegible] addenda 2 39 30
[illegible] capacitatis [illegible] 27 39
[illegible] capacitatis 6
[illegible] 4 7 2 [illegible]
[illegible] capacitatis [illegible]
[illegible]
[illegible] capacitatis [illegible]
[illegible] 30 [illegible] 22 14 [illegible]

[illegible] circuli [illegible] 7
[illegible] capacitatis [illegible]
[illegible] addenda [illegible] capacitatis
[illegible]
[illegible] capacitatis longitudinis [illegible]
[illegible]
[illegible] 30 [illegible]
[illegible] 23 [illegible]
capacitatis longitudinis [illegible]
[illegible] 3 [illegible] capacitatis [illegible] 2 [illegible]
[illegible] 3 [illegible] 2 [illegible] 1 7 [illegible]

[illegible]
[illegible] 10
[illegible] 1 16 34
[illegible]
[illegible] capacitatis [illegible]
[illegible] capacitatis [illegible]
1 7 39 30 addenda
[illegible] capacitatis [illegible] 28 39 30
[illegible] capacitatis [illegible]
[illegible] 1 7 39 30 addenda
[illegible] capacitatis [illegible]
22 39 [illegible]
[illegible] capacitatis [illegible]
[illegible] 4 7 2 [illegible]
[illegible] capacitatis [illegible]
[illegible] capacitatis [illegible]
[illegible] 30 22 14
[illegible] circuli [illegible] 7
[illegible] capacitatis [illegible]
[illegible] addenda [illegible]
[illegible] 1 7 24 8
[illegible] capacitatis [illegible]
[illegible] 30 [illegible]
[illegible] 22 10
[illegible] capacitatis [illegible] 1 2
[illegible] capacitatis [illegible]
[illegible] 6 [illegible]
[illegible] capacitatis [illegible] 38 [illegible]
[illegible] 6 7 2 [illegible]
[illegible] 22 [illegible] 36
[illegible] 7 3 6 8 16 9 6
[illegible] capacitatis 3 6 6 0 6 0
[illegible]
[illegible] capacitatis [illegible]
[illegible]

[illegible] 2^a [illegible] capitis [illegible] 29 44
[illegible] 2997 [illegible] 9168
[illegible] proportionalis [illegible]
hora [illegible] 27 8 1 6 0 [illegible]
[illegible] [illegible] 2^a [illegible] capitis
[illegible] 1 1 16 [illegible] 1139 [illegible]
[illegible] proportionalis [illegible]
hora 3 2 1 2 2 8 0 7 [illegible] 2^a [illegible] capitis [illegible]
[illegible]
26 19 21 28 [illegible]
[illegible] eclipsis [illegible] 22 28 48
[illegible] eclipsis [illegible] 3 46 [illegible] 26
[illegible] 3 46 33 24 39
[illegible]
[illegible] 1 8 7 27 [illegible]
[illegible] 26 6 22 [illegible] 21 29 13
[illegible]
[illegible]
[illegible] capitis [illegible]
2 la
28 23 28 [illegible]
[illegible] 2^a [illegible] capitis [illegible]
[illegible]
[illegible]
[illegible] 6 36
[illegible] 21 28 3 a 2
[illegible]
[illegible]
[illegible] 3 23 39 19
[illegible] 19 [illegible]
[illegible] 21 2
[illegible] capitis [illegible]
[illegible]
[illegible] capitis [illegible] 46
[illegible]
[illegible] 36 [illegible]
[illegible] 6 1 [illegible] 29 23 29
[illegible] 39 [illegible]
[illegible]
[illegible] 13 16 26 [illegible]
[illegible] 1 48 48 21 [illegible]
[illegible]
[illegible] capitis [illegible]
[illegible]
[illegible]
[illegible] capitis [illegible]
[illegible]
[illegible] 44 20 [illegible]
[illegible]
[illegible] 26 [illegible]

[illegible] 27 [illegible] 30 [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] 9 27 [illegible]

[illegible] 27 [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] eclipsis 0 19 8 [illegible]
[illegible] 48 26 30
[illegible]
[illegible]
[illegible] 2 46 21 23
[illegible] eclipsis [illegible]
[illegible] 2 38 29 [illegible]
[illegible] eclipsis [illegible] 48 [illegible]
[illegible]
[illegible] eclipsis [illegible]
puncta eclipsis [illegible] 42
[illegible] 21 28 [illegible]
puncta eclipsis [illegible] 1 16 28
[illegible] puncta eclipsis [illegible] 42
[illegible] 21 28 addenda

puncta eclipsis [illegible] 6 14 28
[illegible] puncta [illegible]
[illegible] 1 [illegible] 6 2 [illegible]
[illegible] 19 [illegible]
[illegible] 19 37 [illegible]
puncta eclipsis [illegible] 4 36 [illegible]
[illegible] 9 1 3 [illegible]
[illegible] 1 7 24 28 3 addenda [illegible]
[illegible] 1 [illegible]
[illegible] 1 7 2 [illegible] 1 [illegible]
[illegible] 24 10 [illegible]
[illegible] 37 [illegible]
[illegible] 1 7 [illegible] 24
[illegible] 21 8 [illegible] 91680
[illegible]
[illegible]
[illegible] eclipsis [illegible]
[illegible] 33 [illegible]
[illegible] eclipsis [illegible] 33 1 1
[illegible] eclipsis 29 24 [illegible]
[illegible] eclipsis [illegible]
[illegible] 36 9 1 6 8 [illegible]
39 1 1 6 9 1 6 [illegible]
[illegible]
[illegible] eclipsis [illegible] 29 9 36
[illegible] eclipsis [illegible] 26 [illegible]
[illegible] eclipsis [illegible]
[illegible]
[illegible] 38 [illegible] 4 1 28
[illegible] 8 [illegible]
[illegible] eclipsis 3 46 [illegible] 26
[illegible] eclipsis 3 44 3 14
[illegible] eclipsis [illegible] 44 [illegible] eclipsis 2 46 46 43
[illegible] eclipsis [illegible] 3 [illegible]
[illegible] eclipsis 21 3 [illegible] eclipsis [illegible] 28 [illegible]
[illegible] eclipsis [illegible]

E clipsis solis [illegible]

[illegible]

[illegible]

De eclipsi ad tempus [illegible] Considera [illegible] eclipsis sit in die aut in nocte [illegible]

[illegible]

[illegible] duplicatus aspectus [illegible] hore et [illegible] [illegible] in [illegible]
[illegible] et [illegible] si integra [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] si [illegible] fuerit [illegible]
[illegible] distancia illarum horarum a meridie [illegible] [illegible] duplicatis aspectus [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] si fuerit [illegible]
[illegible] quod duplicatur aspectus [illegible] [illegible] [illegible] [illegible] [illegible]
hore [illegible] [illegible] duplicatus [illegible] aspectus [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] horarum [illegible] duplicatus aspectus si [illegible] lune
[illegible] [illegible] [illegible] [illegible] [illegible] si fuerit [illegible]
[illegible] distancia a meridie [illegible] [illegible] distancie [illegible]
[illegible] [illegible] [illegible] duplicatur aspectus [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] duplicatus aspectus fuerit [illegible]
[illegible] [illegible] [illegible] si longitudo lune [illegible] [illegible]
fuerit [illegible] [illegible] [illegible] [illegible] distancie [illegible] a meridie
[illegible] duplicatum aspectus [illegible] [illegible] hore [illegible]
per horas [illegible] si [illegible] [illegible] hore [illegible] [illegible]
[illegible] hore si [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] si longitudo lune [illegible] fuerit [illegible]
[illegible] [illegible] hore [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] augmentando [illegible] diminuendo [illegible] duplicatus aspectus [illegible]
[illegible] longitudine [illegible] [illegible] hore [illegible] duplicatus [illegible] [illegible] aspectus
[illegible] [illegible] [illegible] si addidisti [illegible] hore [illegible] si
addidisti [illegible] si addidisti [illegible] hore [illegible] duplicatus
aspectus [illegible] hore [illegible] lune [illegible] hora [illegible]
[illegible] lune [illegible] duplicatus aspectus [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] hore [illegible] [illegible] hore [illegible] duplicatus
aspectus et [illegible] hore [illegible] duplicatus [illegible] si [illegible] duplicatus
aspectus fuerit [illegible] fuerit [illegible] si longitudo lune fuerit [illegible] [illegible]
[illegible] hore [illegible] [illegible] ut hora [illegible]
[illegible] [illegible] [illegible] hore [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible] [illegible]
duplicatus [illegible] fuerit 2 et [illegible] duplicatus aspectus [illegible]
et [illegible] [illegible] [illegible] [illegible] 6 vel 8 vel 10 [illegible]
[illegible] [illegible] 6 [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] duplicatum aspectus [illegible] hore [illegible] hore ita
[illegible] lune in [illegible] hora et [illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] duplicatum aspectus [illegible] [illegible]
[illegible] [illegible] duplicatus aspectus [illegible] data et [illegible]
fuerit [illegible] et [illegible] [illegible] hore [illegible] duplicatus aspectus [illegible]
[illegible] horas [illegible] duplicatus aspectus [illegible] [illegible] [illegible]
[illegible] in [illegible] hora et [illegible] lune in [illegible] hora [illegible] et [illegible]
[illegible] [illegible] si longitudo lune [illegible] fuerit [illegible] 90 [illegible]

fuit [illegible] horas scilicet diuersitatis aspectus solis ab hora [illegible] coniunctionis [illegible] dicte
[illegible] motum solis in eisdem horis quia iam dixi [illegible] solis motum solis et
motum lune in ista hora motum lune tempore diuersitatis [illegible] et sic in solis
[illegible] motum lune ab argumento lune equato et est ab argumento latitudinis lune equato
[illegible] quoniam caput draconis [illegible] in eisdem horis [illegible] diuersitatis
aspectus quem motum et solis ab argumento latitudinis [illegible]
duobus scilicet motum lune et [illegible] motum capitis draconis in eisdem horis scilicet diuersitatis
aspectus sed ab argumento latitudinis lune 2° equato ab argumento eadem latitudinis
Si autem longitudinis lune [illegible] plus quam [illegible] adde illa [illegible]
[illegible] vel diuidi solis et [illegible] erit tempus medie eclipsis
vel [illegible] loci lune et solis et argumenti lune 2° equati et argumenti
vel [illegible] medie eclipsis [illegible] argumento latitudinis 3° equato [illegible]
latitudinis 3° equato [illegible] latitudinis lune in duplici [illegible] et latitudinis [illegible]
[illegible] distantia medie eclipsis a linea meridiana
sua [illegible] tabula diuersitatis aspectus et accipe [illegible] latitudinis [illegible]
in quibus horis [illegible] et loco lune in 30°
inuenta [illegible]
et [illegible]
[illegible] lune [illegible] argumento lune equato [illegible]
eclipsis [illegible] et accipe [illegible] non differt [illegible]
[illegible] aspectus in latitudine inuenta
[illegible] equare quam [illegible] diuersitatis aspectus [illegible] latitudo [illegible]
[illegible] latitudinis lune et diuersitatis aspectus
[illegible] latitudo [illegible] aspectus fuit [illegible] et latitudo
in latitudine si fuit in eadem parte Si [illegible] diuersitatis aspectus [illegible]
lune fuit [illegible] solis [illegible] maiori et remanet latitudo [illegible]
[illegible] fuit [illegible] remanet latitudo [illegible] Si latitudo lune fuit [illegible] et [illegible]
diuersitatis aspectus [illegible] remanebit latitudo [illegible] Si diuersitatis aspectus fuit
[illegible] et maior latitudine [illegible] lune et [illegible] latitudo lune [illegible]
[illegible] eclipsis [illegible] diuersitatem aspectus in latitudine [illegible] gradus
[illegible] inuenta [illegible] media
in die [illegible] gradus [illegible] argumento latitudinis 3° equato [illegible]
et fuit [illegible] argumento latitudinis [illegible] caude draconis [illegible]
[illegible] solis et lune fuit [illegible]
solis si fuit [illegible] caput Si [illegible] non possit [illegible]
[illegible] solis [illegible] adde 30 gradus et [illegible] solis
et [illegible] latitudinis lune 4° equato ad horam medie
eclipsis et [illegible] et [illegible] argumento latitudinis 4° equato
[illegible] latitudinis lune [illegible] latitudinis lune [illegible]
in latitudine lune [illegible] solis et luna [illegible]
[illegible] discordia [illegible] et [illegible] opera [illegible]
in [illegible] latitudine lune [illegible]

[illegible] eclipsis solis et [illegible] in argumento
latitudinis 4° equato et [illegible] in gradus si fuit aliqua [illegible]
[illegible] eclipsis solis [illegible] longitudinis et accipe [illegible] eclipsis
[illegible] inuenta [illegible] in duplici [illegible] et accipe [illegible]
[illegible] 20 et [illegible] 60

127.

Deinde intra cum eodem arcu latitudinis lune tempore vero eclipsis solis ad longitudinem propriorem accipiendo minuta
diversitatis [illegible] puncta minuta ad longitudinem longiorem [illegible] ad longitudinem
propriorem [illegible] deinde ad arcum lune cum tempore medie eclipsis [illegible] proportionalia
[illegible] per [illegible] minuta proportionalia [illegible] minuta sua deinde accipe partem proportionalem
[illegible] puncta [illegible] minutis [illegible] ad 60 quia partem proportionalem [illegible] puncta
eclipsis ad longitudinem longiorem [illegible] cum latitudinis [illegible] tempore
[illegible] ad longitudinem longiorem accipiendo [illegible] minuta [illegible] sua deinde intra [illegible]
[illegible] ad longitudinem propriorem [illegible] minuta ad longitudinem
longiorem [illegible] accipe partem proportionalem [illegible] proportionalia [illegible] ad 60 quia
partem proportionalem [illegible] ad longitudinem longiorem [illegible] illa [illegible]
[illegible] lune [illegible] horis [illegible] 60 [illegible]
[illegible] principium eclipsis [illegible] medium [illegible] finem
[illegible] tempore medie eclipsis [illegible] principii eclipsis [illegible]
[illegible] medie eclipsis [illegible] eclipsis [illegible] duplicatis [illegible]
eclipsis [illegible] eclipsis [illegible] finem [illegible] p
[illegible] solis [illegible] tempore medie eclipsis [illegible] loco solis tempore medie
eclipsis [illegible] loco solis tempore [illegible] eclipsis [illegible] loco solis tempore medie
eclipsis [illegible] tempore [illegible] eclipsis [illegible] loco solis tempore
medie eclipsis [illegible] finem [illegible] eclipsis [illegible] horis
[illegible] lune [illegible] hora [illegible] loco [illegible] eclipsis medie [illegible]
[illegible] longitudinis lune [illegible] latitudinis [illegible]
lune [illegible] principio eclipsis [illegible] habebis [illegible]
[illegible] eclipsis deinde intra cum arcu latitudinis lune [illegible] eclipsis [illegible]
lune [illegible] latitudinis lune [illegible] eclipsis [illegible] latitudinis [illegible]
[illegible] eclipsis [illegible] lune [illegible] eclipsis [illegible]
[illegible]

Eclipsis lune [illegible] proportionalia [illegible]
ad quod [illegible] eclipsis lune [illegible]
[illegible] longitudinis [illegible]
[illegible] longitudinis [illegible] solis [illegible] lune [illegible]
[illegible] tempore [illegible]
[illegible] tempore medio [illegible] loco lune tempore [illegible]
[illegible] latitudinis [illegible]
[illegible]
[illegible] latitudinis [illegible]
[illegible]
[illegible]
[illegible] eclipsis [illegible] latitudinis [illegible]
[illegible] eclipsis lune [illegible] ad longitudinem longiorem [illegible]
[illegible] eclipsis [illegible]
[illegible] eclipsis [illegible]
[illegible]

Si enim fuerit 0 in linea numeri que intitulatur minuta more non erit mora
Et sic intelligitur quod mora vocatur tempus quod est a principio totius obscurationis [illegible] tempore quo luna
incipit recuperare usque ad principium reditus lucis. Et minuta more vocantur spacium
celi quod luna pertransit motu suo a principio more usque ad medium eclipsis et sic minuta
casus vocantur spacium quod luna pertransit suo motu a principio casus eclipsis usque ad
principium more. Scias igitur quod si volueris puncta eclipsis minuta more et minuta casus ad longitudinem
longiorem et hoc si luna in auge vera sui epicicli fuerit. Si vero non fuerit
in auge vera sui epicicli, intra cum centro argumenti lune tabulam eclipsis lunaris
ad longitudinem propiorem et accipe ibi puncta eclipsis et minuta more sub eodem centro [illegible]
ad longitudinem longiorem. Si vero in opposito augis intra ad ambas longitudines [illegible]
[illegible] deinde [illegible] puncta eclipsis inventa ad longitudinem longiorem a punctis inventis
ad longitudinem propiorem et minuta casus a minutis casus et minuta more a minutis more et serva
differentias [illegible] deinde [illegible] argumenti lune equato horas oppositionis vera [illegible]
de [illegible] que augmentatur per duos gradus et accipe minuta proportionalia inventa
sub eodem [illegible] minuta [illegible] que minuta proportionalia [illegible] [illegible] differentias
[illegible] puncta separatim et divide per 60 et [illegible] [illegible] proportionalis [illegible]
[illegible] puncta eclipsis minuta casus et minuta more inventa ad longitudinem
longiorem [illegible] ad [illegible] [illegible] proportionalis [illegible] [illegible] et
[illegible] proportionalis [illegible] minutorum casus [illegible] [illegible] proportionalis [illegible] minutorum
more [illegible] minutis more et habebis omnia equata [illegible]
[illegible] [illegible] divide minuta casus tunc equata [illegible] superatorem
lune in una hora et numerus erunt hore et si aliquid residuum fuerit
multiplica per 60 et divide [illegible] quod [illegible] et numerus erunt secunda hore
[illegible] [illegible] horas minuta et 2 hore [illegible] principio eclipsis usque ad
principium more si habuerit moram [illegible] a principio eclipsis usque ad medium [illegible] si
non habuerit moram [illegible] divide minuta more [illegible] superatorem lune in una
hora et [illegible] [illegible] minuta et 2 hora [illegible] minuta et 2 hore
si non [illegible] [illegible] [illegible] a principio more usque ad medium eclipsis [illegible]
[illegible] [illegible] a principio eclipsis usque ad medium eclipsis si non fuerit mora
[illegible] [illegible] oppositionis [illegible] [illegible] [illegible] tempus [illegible]
eclipsis et si [illegible] horas [illegible] ad tempus [illegible] oppositionis
eclipsis [illegible] tempus [illegible] eclipsis. Si vero eclipsis fuerit moram [illegible] horas
[illegible] tempus [illegible] a principio eclipsis usque ad principium more [illegible] horas
[illegible] [illegible] a principio more usque ad medium eclipsis et totum
[illegible] [illegible] oppositionis et [illegible] tempus [illegible] eclipsis et si
[illegible] [illegible] [illegible] eclipsis [illegible] tempus [illegible] a principio
[illegible] addendo [illegible]
[illegible] usque ad medium eclipsis [illegible] [illegible] oppositionis [illegible] [illegible]
[illegible] more [illegible] [illegible] [illegible] [illegible] quod est a principio
eclipsis usque ad medium [illegible] tota duratio eclipsis usque ad finem et [illegible]
[illegible] a principio more usque ad medium eclipsis [illegible] [illegible] [illegible] luna [illegible]
[illegible] [illegible] [illegible] [illegible] horas [illegible] eclipsis [illegible] usque ad medium
[illegible] [illegible] lune [illegible] [illegible] [illegible] [illegible] [illegible] lune [illegible]
[illegible] oppositionis [illegible] [illegible] [illegible] lune [illegible] medium [illegible]
[illegible] [illegible] latitudinis [illegible] principio eclipsis [illegible] [illegible]
[illegible] [illegible] habebis [illegible] [illegible] eclipsis latitudinem [illegible]
[illegible] [illegible] [illegible] tabulas latitudinis lune [illegible] [illegible] latitudinis
[illegible] eclipsis [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] eclipsium [illegible]

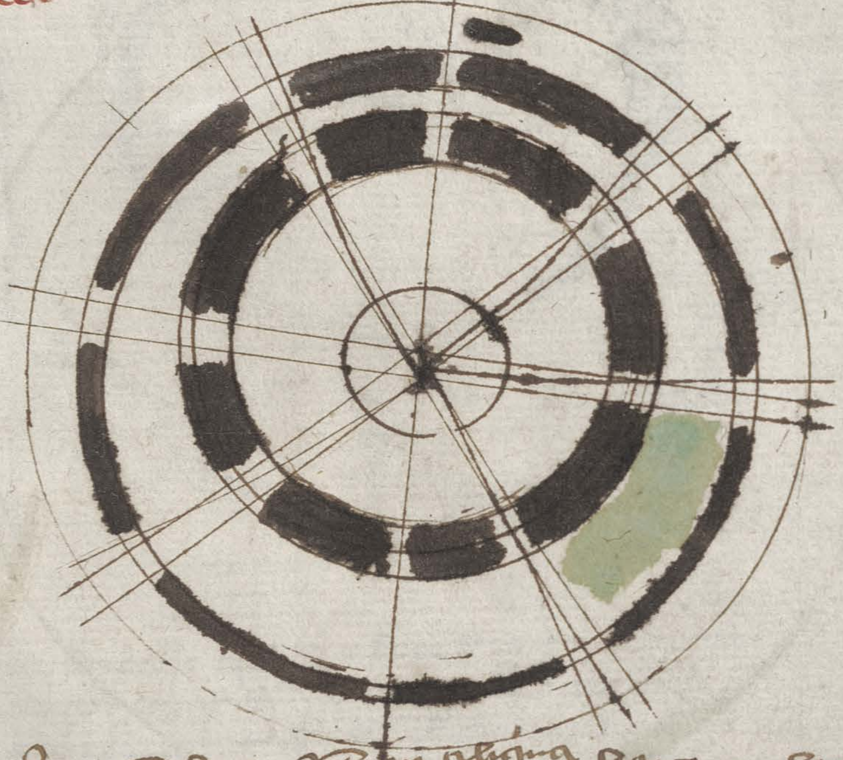
Si non fuerit in opposito augis nec solum ad longitudinem propiorem. Sed si non fuerit nec in auge nec in opposito augis [illegible]

Hic [illegible] ☉ et ☽ [illegible] ad annum | 1488 completum [illegible]
[illegible] medie [illegible] 7 19 | 26 [illegible] 80 cum quo [illegible]
[illegible] medium motum augium et stellarum
medium motum [illegible] 7 1 [illegible] Hic medium motum [illegible] octave [illegible]
fixarum [illegible] 8 [illegible] 20 [illegible] Hic cum [illegible] medium motum [illegible] equatio motus accessus et
[illegible] et [illegible] 0 [illegible] 1 [illegible] cum [illegible] equatio motus accessus et
recessus [illegible] 28/20 [illegible] 8
[illegible] 20 [illegible] 22 [illegible] 21 [illegible] addi [illegible] et proveniet
equatio [illegible] octave spere [illegible] 8 [illegible] addi ad medium motum augium et
stellarum fixarum [illegible] 180 et proveniet [illegible] ad
[illegible] 19 [illegible] addi ad [illegible] et proveniet [illegible]
ad [illegible] medie [illegible] 31 [illegible] 28 71 [illegible] a medio motu [illegible]
[illegible] ad [illegible] proveniet [illegible] 30 [illegible] 28 cum [illegible] equatio
[illegible] 1 9 [illegible] 2 [illegible]
[illegible] et proveniet equatio [illegible] 8 28 [illegible] addi ad medium motum
[illegible] et proveniet verus locus [illegible] ad [illegible]
medie [illegible] 7 2 [illegible]

Circulus eccentricus vel egresse cuspidis vel egredientis centri dicitur qui pro suo centro [illegible] habet centrum terre. Pars eccentrici que magis [illegible] accedit [illegible] dicitur aux vel longitudo longior. Et pars que magis accedit ad centrum terre dicitur oppositum augis vel longitudo [illegible]. Duo autem loca celi que sunt aux et oppositum augis dicuntur longitudines medie.

Propter [illegible] motum [illegible] ab occidente in orientem in suo eccentrico [illegible] et 30ª autem sol motu [illegible] ab occidente [illegible] et 8 spere [illegible] ab oriente in occidente [illegible] [illegible] [illegible] in orbe [illegible] medius motus solis dicitur arcus [illegible] zodiaci cadens inter lineam [illegible] a centro terre usque ad [illegible] [illegible] et lineam [illegible] a centro terre usque ad finem [illegible] [illegible] [illegible] a centro eccentrici [illegible] solis et zodiaci. Verus locus [illegible] solis dicitur arcus zodiaci cadens inter caput arietis et lineam egredientem a centro terre [illegible] centrum solis [illegible] solis dicitur arcus zodiaci [illegible] inter motum solis [illegible] [illegible] [illegible] solis [illegible] [illegible] solis dicitur arcus zodiaci cadens inter [illegible] in prima [illegible] et lineam [illegible] medium motum solis [illegible] [illegible] solis in 2ª [illegible] dicitur arcus zodiaci cadens inter caput arietis et lineam que [illegible] [illegible] eccentrici. [illegible] [illegible] medietate celi motus [illegible] [illegible] maior [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] motum [illegible] [illegible] [illegible] [illegible] [illegible] motu solis [illegible] [illegible] [illegible] arcus zodiaci [illegible] ad [illegible] [illegible] [illegible] arcus eccentrici [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] lineam [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

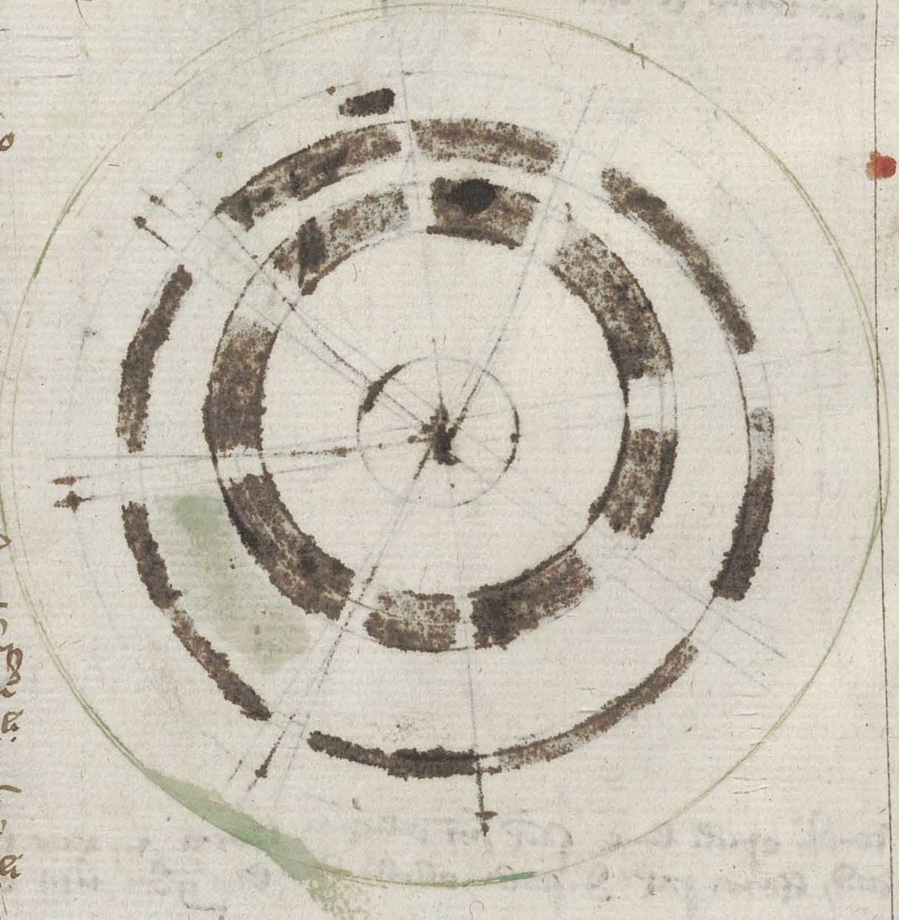
Teo



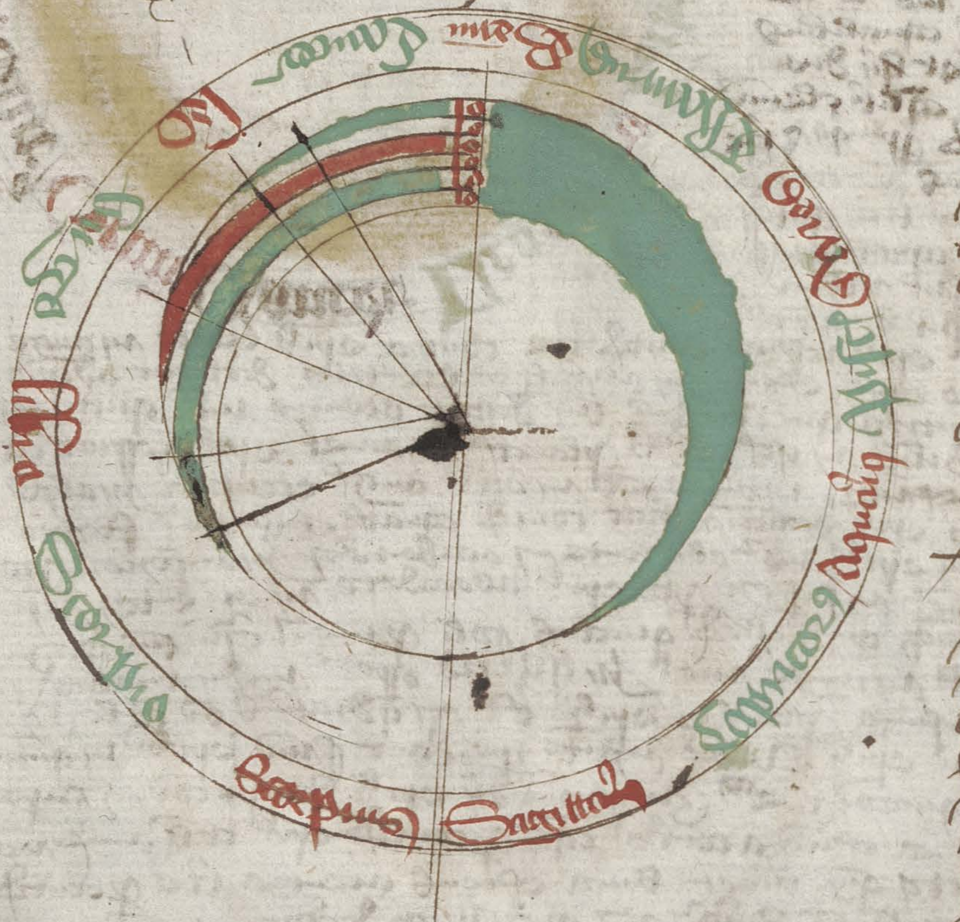
Epiciclus sive orbis revolutionis lune [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] solis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] lune [illegible] [illegible] ab oriente in occidentem 11 gradibus fere [illegible] motu [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] lune [illegible] 11 gradibus fere in die ab oriente in occidentem [illegible] [illegible] [illegible] centrum solis et [illegible] eccentrici lune et centrum epicicli lune [illegible] in aliqua hora in uno loco celi in sequenti die eadem hora sol distabit ab illo loco uno gradu versus oriente et aux eccentrici

Fere per 11 signa occidente et centro epicicli lune per 13 gradus [illegible] dicto. Quare tunc sol [illegible] in medio aut augis et centri epicicli lune. Quale [illegible] duplex distancia solis et centri epicicli lune ad solem habebit distanciam [illegible] augis et centri epicicli lune [illegible] et [illegible] distancia [illegible] centri esse lune medium vel [illegible] [illegible] vel [illegible] longitudo. Et [illegible] in eodem loco [illegible] sol [illegible] in medio [illegible] [illegible] Patet [illegible] centrum epicicli [illegible] in auge [illegible] [illegible] [illegible] [illegible] [illegible] in auge et in opposito [illegible] in quadraturis [illegible] [illegible] [illegible] longitudine [illegible] luna [illegible] in circumferentia epicicli et [illegible] superiori parte ab oriente in occidentem. Quare [illegible] tercia [illegible] in inferiori aut [illegible] [illegible] [illegible] et alii planete [illegible] equus [illegible] [illegible] sol [illegible] equalis [illegible] centri [illegible] sui [illegible] centri epicicli lune [illegible] equalis [illegible] centri [illegible] [illegible] motus lune [illegible] [illegible] in superiori [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in linea [illegible] a centro [illegible] [illegible] centri epicicli lune [illegible] motus lune. [illegible] [illegible] linea [illegible] a centro [illegible] centri epicicli lune [illegible] media [illegible] [illegible] [illegible] [illegible] linea [illegible] centro [illegible] centro ecentrici lune qui [illegible] distat a centro [illegible] [illegible] centri ecentrici [illegible] linea [illegible] centri epicicli ad superiorem [illegible] epicicli [illegible] [illegible] epicicli [illegible] linea [illegible] a centro [illegible] centri epicicli ad [illegible] [illegible] epicicli [illegible] centri [illegible] [illegible] [illegible] [illegible] augem [illegible] et [illegible] [illegible] lune [illegible] [illegible] epicicli [illegible] aut augem [illegible] et centri lune [illegible] [illegible] motus lune [illegible] epicicli. Sed [illegible] [illegible] [illegible] [illegible] augem [illegible] et centri lune [illegible] epicicli [illegible] in auge ecentrici [illegible] in [illegible] et opposito [illegible] media et [illegible] in opposito augis [illegible] in quadraturis lune [illegible] [illegible] [illegible] equacio centri [illegible] [illegible] et media [illegible] [illegible] [illegible] ad augem vel ad opposito augis [illegible] [illegible] [illegible] et [illegible] equacio [illegible] lune [illegible] [illegible] [illegible] [illegible] motus et medium. Quare equacio [illegible] centri epicicli [illegible] in auge [illegible] augis ecentrici et [illegible] linea [illegible] in longitudine longiori [illegible] [illegible] sui epicicli

[illegible] [illegible] [illegible] superiori parte epicicli



Maxima vero equacio argumenti est centri epicicli existentis in longitudinibus propioribus sive in opposito
augis et luna existente in longitudinibus mediis sui epicicli. Et quando luna fuerit in medietate
epicicli que respicit occidentem addenda erit [illegible] est medius motus eius verus erit sue
subtrahenda est equacio argumenti. In reliqua vero medietate contingit e contrario quare tunc
est addenda equacio. Et sciendum quod minores sunt equaciones centri centro epicicli
existente in opposito augis ecentrici quam in auge [illegible] quod est cuius tales equaciones argumenti
centro epicicli existente in auge et in opposito augis [illegible] equacio [illegible] diversitatem [illegible]
bus equaciones argumentorum que describuntur in tabulis sunt equaciones et sunt super
esse centrum epicicli in auge. Centro vero epicicli in aliis locis existente oportet quasi in auge
ecentrici existentes equaciones argumenti [illegible] quod centrum epicicli accedit ad centrum terre et equaciones
argumentorum sunt [illegible] proporcio [illegible] 60 [illegible] lune [illegible] ad
lunam [illegible] ecentrici et centrum terre [illegible] in 60 [illegible] luna
vero que dicitur a centro terre ad oppositum augis [illegible] 60 [illegible]
Que vero dicitur ad augem [illegible] ad alia loca media
[illegible] 27 accessiones et recessiones ab auge ad oppositum augis [illegible]



Sequitur de capite et cauda draconis. Circulus lune secat orbem solis in duabus partibus scilicet in septentrione et meridie. Intersecant circulum solis in duabus oppositis partibus et ille intersecaciones dicuntur caput et cauda draconis. Et dicitur caput intersecacio in qua luna incipit declinare in septentrionem, cauda vero e contrario. Iste intersecaciones moventur cotidie ab oriente in occidentem secundum 3 minuta fere et dicuntur [illegible] intersecaciones [illegible] [illegible] lune equales centro [illegible] in [illegible] et [illegible] superficie orbis signorum sive in via solis et iste motus est differens

motui planetarum qui est ab occidente in orientem et ut statim patebit in motibus
dicitur [illegible] caput [illegible] in medio motu [illegible] firmamento [illegible] in [illegible]
cadit in firmamento et [illegible] medio [illegible] caput [illegible] signorum [illegible]
verus locus capitis computatus 27 [illegible] signorum [illegible] verus motus [illegible]

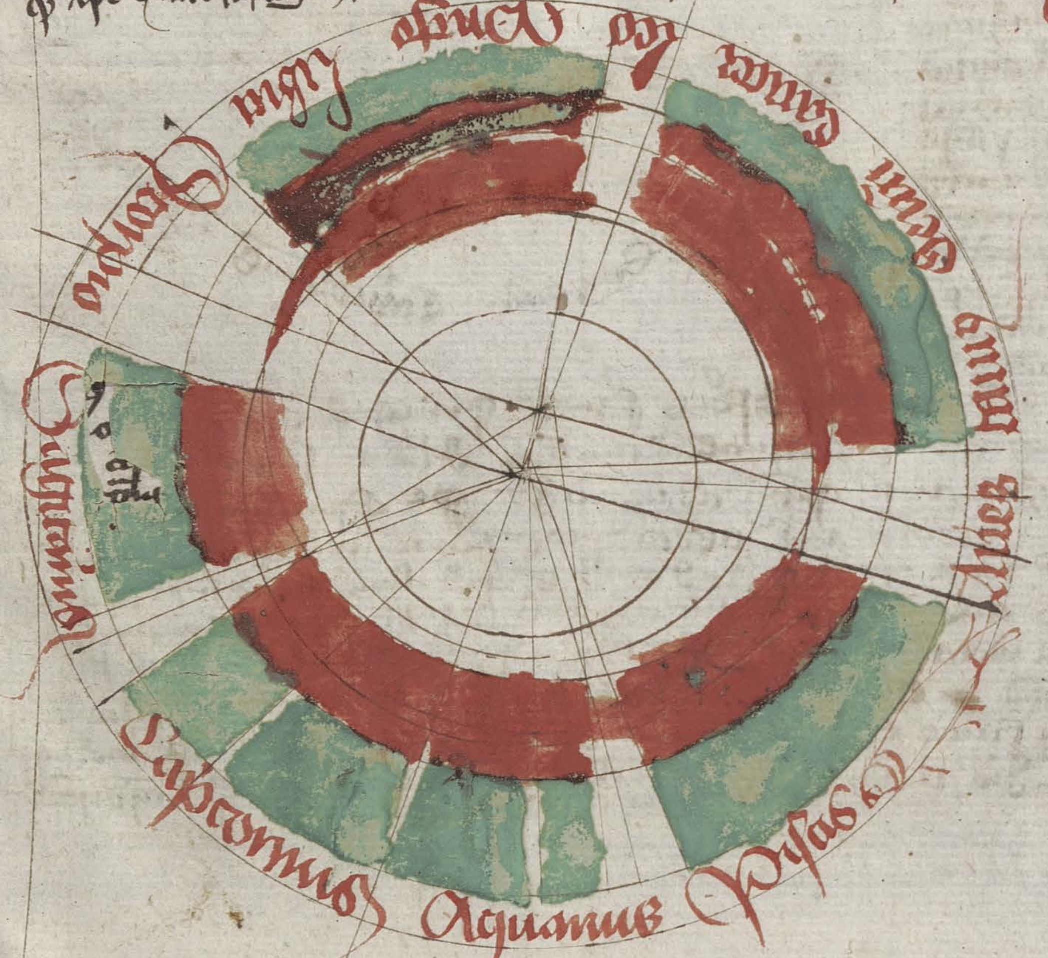
ab ariete zodiaci ab oriente incipiendo computata est secundum successionem signorum et linea recta
educta a centro mundi per augem equantis que est caput arietis ad zodiacum. Et dicitur
motus capitis draconis motus zodiaci cadens inter punctum equatum dicti et lineam
in qua fuit [illegible] a centro [illegible] et [illegible] successionem signorum
[illegible] et [illegible] in linea [illegible] [illegible] [illegible] cadit linea [illegible]
medium motum et [illegible] illa que [illegible] a centro mundi [illegible] capite arietis ad zodiacum
a parte de mediis motuum [illegible] in signa [illegible]



Sequitur de tribus superioribus. Unus-
quisque quorum habet preter [illegible] duos
eccentricos dispositos in eadem plana
superficie et [illegible] [illegible] ad [illegible]
[illegible] et ad motum cottidianum et [illegible]
ab oriente in occidentem. Et [illegible] dicitur
eccentricus deferens [illegible] epicicli [illegible]
[illegible] epicicli ab occidente in orientem
et alius dicitur eccentricus equantis motum
[illegible] centro [illegible] [illegible] centri
epicicli et [illegible] [illegible]
equales angulos describit et [illegible] duo
eccentrici in [illegible] [illegible] [illegible] planete
et alius [illegible] centrum [illegible]
[illegible] deferens [illegible] equantis. Et centrum
deferentis [illegible] distat a centro [illegible] quantum
centrum deferentis a centro equantis [illegible]
in medio et illa centra sunt in eadem
linea et ambo eccentrici [illegible] centra [illegible] centro epicicli [illegible] in auge
et [illegible] in linea [illegible] epicicli [illegible] in [illegible] eccentrici [illegible] ad [illegible]
[illegible] in opposito augis [illegible] centro epicicli [illegible] punctus [illegible] distat a centro [illegible]
puncto opposito centro eccentrici qui [illegible] planete [illegible] epicicli [illegible]
[illegible] a centro equantis [illegible] in [illegible] planete [illegible] in opposito augis eccentrici [illegible]
[illegible] centro epicicli [illegible] in auge [illegible] in opposito augis eccentrici [illegible]
[illegible] eccentrici centro epicicli [illegible] centro equantis et [illegible]
[illegible] eccentrici centro epicicli [illegible] ab oriente in occidentem [illegible] in inferiori parte
et linea in superiori parte sui epicicli [illegible] in superiori parte epicicli ab occidente in orientem [illegible]
[illegible] planete [illegible] in superiori parte epicicli [illegible] [illegible] soli [illegible]
[illegible] et [illegible] [illegible] [illegible] [illegible] soli [illegible] [illegible]
superiori parte sui epicicli [illegible] in auge [illegible] [illegible] ad [illegible] medii motus
[illegible] sole planeta [illegible] in inferiori parte sui epicicli [illegible] in quadratura [illegible] sole [illegible]
in longitudinibus mediis sui epicicli [illegible] [illegible] [illegible] suum epicicli in [illegible]
[illegible] sol [illegible] ad [illegible] [illegible] [illegible] medii epicicli [illegible] puncto in superiori
parte epicicli que [illegible] linea [illegible] a centro [illegible] [illegible] epicicli et [illegible]
[illegible] [illegible] dicitur [illegible] que [illegible] linea [illegible] a centro [illegible]
epicicli ad [illegible] epicicli et [illegible] [illegible] et describit equantis centri
in epiciclo [illegible] centri epicicli [illegible] epicicli [illegible] linea [illegible]
[illegible] epicicli [illegible] et [illegible] [illegible] centri [illegible]
in [illegible] [illegible] ad [illegible] [illegible] [illegible] linea [illegible] lineas
equedistantes. Et [illegible] accepta [illegible] accepta [illegible]

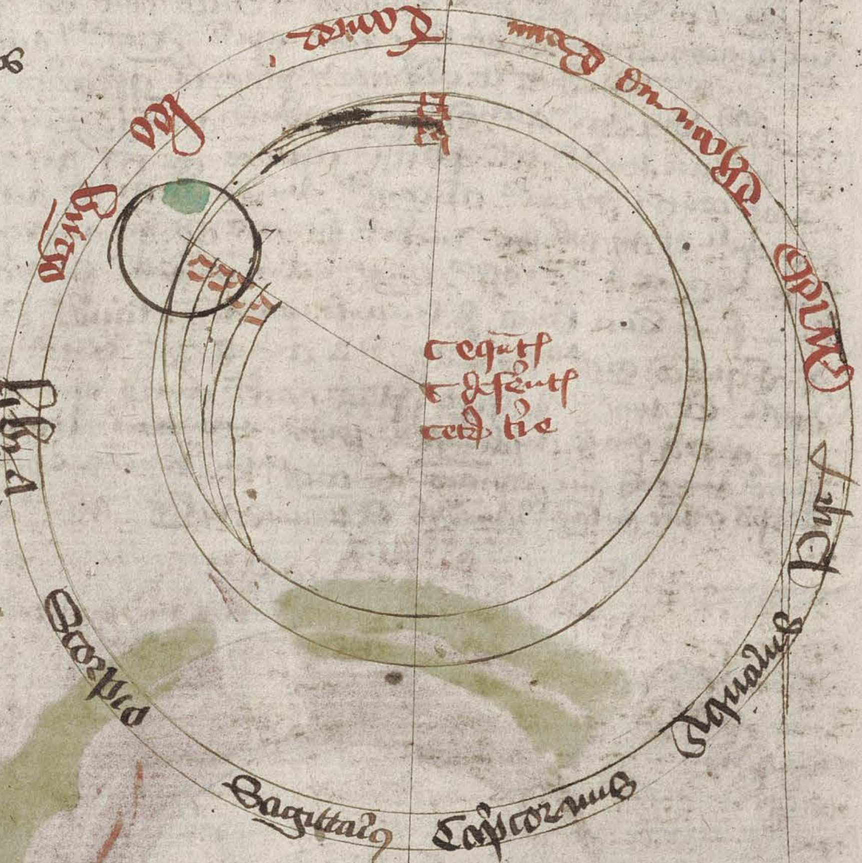
Medius motus augis epicicli planetarum et epicicli lune est arcus zodiaci cadens inter lineam
et alteram lineam ductam a centro terre per centrum epicicli equidistantem linee exeunti
a centro equantis per centrum epicicli. Verus motus epicicli est arcus orbis signorum cadens inter
principium arietis et lineam exeuntem a centro terre per centrum epicicli ad superiorem partem epicicli.
Verus motus planete in celo terminat linea exiens a centro terre per centrum corporis planete.
Aux autem in sole secundum planetarum dicitur ~~linea exiens~~ finita in sole arcus
zodiaci maioris abscisse lineam exeuntem a quo puncto supponitur angulus ...
centrum medium planete dicitur arcus epicicli cadens inter augem ~~mediam~~ centri
et medium motum epicicli et in sole dicitur argumentum medium et in luna dicitur centrum lune medium
in longitudine duplex ... centrum ... planete dicitur arcus zodiaci
inter augem ecentrici et verum locum epicicli. Argumentum medium dicitur arcus epicicli cadens
inter augem mediam et ... corporis planete ... motu planete in epiciclo
argumentum verum dicitur arcus epicicli cadens inter augem veram epicicli et centrum corporis planete.
Et in luna medietas ... equacio centri in zodiaco centro medio et addi
equacio centri in epiciclo ... argumento medio et ... ut fiat centrum verum zodiaci et argumentum
verum epicicli et in reliqua medietate fit econtrario ... in sequenti figura. Et quando centrum epicicli
fuerit in auge vel in opposito augis ecentrici nulla fit equacio. Quia omnes ille
linee fiunt una linea et una linea non claudit superficiem ...
Equacio argumenti planete dicitur arcus zodiaci cadens inter verum locum planete et verum locum
epicicli. Et maior est in opposito plus accedit centrum epicicli ad centrum terre ... argumento vero planete
... in longitudine ~~propiori ecentrici~~ tanto plus crescit equacio argumenti
... centro epicicli existente in longitudine propiori ecentri
quam ... equacio argumenti
... in longitudine media et maior in longitudine ... auge ecentrici existente

Equaciones autem argumenti
... in tabula ...
... centrum epicicli
... longitudine ...
... centrum epicicli
... equacio ...
... centrum ...
... et ... centrum
epicicli ... in longitudine
... equacio ...
epicicli ...
... diametri ...
... contra ...
... equacio
argumenti in longitudine
... auge
... diametri
... ad longitudinem
longiorem et ... equacio
... equacionum
in longitudine ... circuli
opposito augis ... diametri
... ad
... Et iste ...



situatos scilicet [illegible] [illegible] [illegible] equacionis augis (?) [illegible] et lune
centri a centro terre ad augem [illegible] equantis ad lineam [illegible] centri [illegible] centro ad longitudinem
mediam equantis [illegible] dies [illegible] [illegible] [illegible] [illegible] [illegible] adlongitudinem
propiorem [illegible] [illegible] [illegible] diametri adlongitudinem [illegible] addit equacionem augis
ut facilius [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] plus centrum epicicli
centro terre tanto plus minuitur equacio augis [illegible] [illegible] [illegible] diametri [illegible]
longitudinem [illegible] [illegible] ab equacione augis [illegible] [illegible] [illegible] centrum
epicicli plus distat a centro terre tanto plus minuitur equacio augis [illegible] [illegible]

[S]equitur de circulis et
motibus Mercurij [illegible]
duos eccentricos [illegible]
quorum in plana superficie deferentis
et equantis [illegible] [illegible] [illegible] [illegible]
in duplo [illegible] distancie centri
deferentis a centro terre quantum
distat centrum equantis a centro
terre eo quod [illegible] [illegible] [illegible]
[illegible] [illegible] illa duo centra
eccentricorum et superficierum
illius [illegible] [illegible] [illegible] [illegible]
dic centrum deferentis ab [illegible]
[illegible] tantum quantum [illegible]
[illegible] [illegible] [illegible] [illegible] motu
[illegible] [illegible] et [illegible] [illegible]
augis deferentis [illegible] [illegible]
[illegible] [illegible] [illegible] firmamenti
[illegible] et [illegible] eccentrici et
[illegible] [illegible] centri [illegible]
[illegible] et [illegible] centrum [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] centrum
deferentis et centrum equantis [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] et



[illegible] [illegible] [illegible] [illegible] est deferens firmamenti [illegible] [illegible] [illegible] [illegible]
deferens [illegible] [illegible] temporibus equalibus equales angulos describit super centrum equantis
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] circumferencia [illegible] eccentrici [illegible] [illegible] [illegible] circuitu [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] firmamenti [illegible] oportet [illegible] centrum [illegible] epicicli lune [illegible] [illegible] [illegible]
sui eccentrici [illegible] [illegible] [illegible] centrum epicicli [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] motu [illegible] alia [illegible] motu augis [illegible] [illegible] [illegible] gradus [illegible] [illegible] [illegible]
motus [illegible] [illegible] medius motus lune [illegible] lineam [illegible] a centro
terre [illegible] [illegible] linee [illegible] a centro equantis [illegible] centrum epicicli et medius
motus [illegible] [illegible] medio motu solis Et [illegible] linee [illegible] [illegible] [illegible]

scilicet linea exiens a centro eccentrici solis per centrum [illegible] solis et linea exiens
a centro equantis per centrum eccentrici mercurii per centrum sui epicicli et linea exiens
a centro terre equedistans a predictis duabus. Cum autem ille linee equales
moveantur et erunt equedistantes aut erunt omnes tres linea sunt due
earum linea et eadem erit linea. Et tunc [illegible] centrum epicicli mercurii
et centrum solis sunt in eadem linea et linea exiens a centro eccentrici per centrum
solis sit eadem cum linea exeunte a centro equantis per centrum epicicli [illegible]
motus [illegible] epicicli [illegible] per lineam exeuntem a centro terre ad zodiacum per centrum
epicicli et aux deferentis epicicli eccentrica scilicet per centrum epicicli [illegible] aut [illegible]
centrum epicicli et aux deferentis eccentrici in [illegible] [illegible] [illegible] [illegible]
centrum epicicli mercurii et aux eccentrici et [illegible]
ut sol medio motu [illegible] [illegible] temporibus equalibus equales angulos describunt [illegible]
eccentrici scilicet deferentis in temporibus equalibus equales angulos describit [illegible]
centrum equantis et [illegible] centrum deferentis [illegible] in [illegible] [illegible]
ita quod in temporibus equalibus equales describit arcus in sua circumferentia
ita quod in temporibus equalibus [illegible] in equales angulos in [illegible] describit. Cum
igitur [illegible] [illegible] [illegible] sui epicicli [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] aux deferentis mercurii [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] linee exeuntes a centro terre per centrum deferentis [illegible] [illegible] auge
equantis [illegible] linee [illegible] [illegible] equantis [illegible] a duabus lineis [illegible]
deferentis [illegible] [illegible] [illegible] centrum deferentis et [illegible] per centrum terre [illegible]
[illegible] [illegible] [illegible] centrum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
auge deferentis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
ad auge deferentis [illegible] auge equantis et [illegible] [illegible] auge equantis [illegible] et [illegible]
aux deferentis non possit esse [illegible] [illegible] [illegible] deferentis [illegible] [illegible] [illegible]
aux [illegible] [illegible] [illegible] [illegible] equantis scilicet [illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] aux eccentrici deferentis [illegible] [illegible] [illegible] [illegible] deferentis [illegible] ab auge
equantis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] auge equantis [illegible]
[illegible] [illegible] [illegible] ad auge equantis [illegible] [illegible] [illegible] Et [illegible] [illegible]
[illegible] auge deferentis ab auge equantis [illegible] [illegible] [illegible] centrum epicicli
[illegible] [illegible] [illegible] auge deferentis [illegible] [illegible] [illegible] in auge equantis [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] centrum deferentis [illegible] [illegible] [illegible] [illegible] et [illegible]
epicicli [illegible] [illegible] [illegible] [illegible] [illegible] centrum epicicli [illegible] [illegible] auge deferentis
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] eccentrici [illegible]
[illegible] eccentrici [illegible] [illegible] [illegible] [illegible] [illegible] epicicli [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] in auge [illegible] [illegible] [illegible] [illegible] epicicli [illegible] [illegible] [illegible]
sui equantis eccentrici [illegible] [illegible] [illegible] sui [illegible] [illegible] [illegible] [illegible] medietati
sui equantis [illegible] centrum epicicli [illegible] auge terre [illegible] puncto [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] Et [illegible] [illegible] in puncto deferentis [illegible] [illegible] [illegible] [illegible] non [illegible] [illegible]
[illegible] deferentis [illegible] [illegible] [illegible] [illegible] terre [illegible] auge equantis [illegible] terre
epicicli [illegible] in [illegible] auge terre [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] centrum epicicli [illegible] terre [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] auge equantis [illegible] lineas [illegible]
[illegible] [illegible] [illegible] [illegible] centrum deferentis [illegible] [illegible] terre. Cum [illegible] centrum
epicicli [illegible] auge deferentis [illegible] [illegible] remotum [illegible] [illegible] [illegible] deferente [illegible] centrum
deferentis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] epicicli [illegible] [illegible]
[illegible] [illegible] [illegible] auge equantis [illegible] centrum deferentis [illegible] in puncto [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] aux deferentis [illegible] maxima remotione

ab auge equantis scilicet et centrum epicicli in auge deferentis et in maxima approximacione [illegible] centrum epicicli [illegible] deferentis plus descendit [illegible] tempus [illegible] semper [illegible] auge deferentis [illegible] centrum epicicli in illo [illegible] deferentis [illegible] in illa duo puncta opposita [illegible] centrum epicicli [illegible] auge [illegible] centrum epicicli [illegible] centrum epicicli [illegible] deferentis [illegible] centrum [illegible] centrum epicicli [illegible] deferentis [illegible] centrum epicicli [illegible] auge [illegible] sunt in [illegible] figura [illegible]



Equaciones argumenti [illegible] centrum epicicli approximante [illegible] equaciones [illegible] in tabulis [illegible] equaciones [illegible] centrum epicicli [illegible] centrum epicicli [illegible] in auge [illegible] equaciones [illegible] in tabulis [illegible] in alia [illegible] centrum epicicli [illegible] equaciones argumenti [illegible] minuta proporcionalia [illegible] minutorum proporcionalium [illegible] longitudinis longioris [illegible] lune [illegible]

tur ad centrum epicicli ipsa erit ex auge vero eius ad lineam centri ad medium equatio
vocatur [illegible] dicitur diminuta in 6 signis [illegible] et minuta [illegible] ad longitudinem [illegible]
[illegible] linee [illegible] [illegible] alia ad [illegible] [illegible] ad lineam [illegible] [illegible] [illegible]
[illegible] [illegible] centri epicicli centrus [illegible] et [illegible] [illegible] [illegible] ad [illegible] augis
equantis [illegible] [illegible] linea [illegible] linee [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] superioribus
[illegible] ad longitudinem longiorem
et ad longitudinem propiorem etc.



Venus vero quoad circulos
et equantem disponitur
sicut superiores et eorum
loco [illegible] [illegible] [illegible]
solis [illegible] epicicli [illegible]
[illegible] [illegible] [illegible] [illegible] medii
motus solis [illegible] [illegible] medii
motus [illegible] [illegible] linee [illegible]
[illegible] [illegible] equidistant [illegible]
linee [illegible] [illegible] [illegible] [illegible]
centrum solis [illegible] centrum solis
[illegible] [illegible] [illegible] [illegible]
epicicli [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] latitudine
[illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] superficie
plana [illegible] [illegible] [illegible] [illegible] linee [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] motu [illegible] in latitudinibus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
superioribus etc.

Sciendum vero [illegible] planetarum. Planeta dicitur directus
quando motus eius [illegible] motui epicicli [illegible] [illegible] [illegible] [illegible]
non dicitur quando motus eius [illegible] [illegible] motui epicicli [illegible] [illegible]
[illegible] Statio prima dicitur punctus epicicli in quo incipit retrogradari planeta
Statio prima in quo incipit [illegible] linea [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] epicicli [illegible] [illegible] [illegible] motus centri epicicli linee [illegible] ipsa
linea [illegible] [illegible] [illegible] [illegible] [illegible] epicicli [illegible] [illegible] [illegible] centri epicicli
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] linea [illegible] [illegible] epicicli
[illegible] [illegible] [illegible] [illegible] Statio prima [illegible] [illegible] [illegible] epicicli
[illegible] [illegible] augem [illegible] epicicli et punctum [illegible] [illegible] [illegible] [illegible]
Statio secunda [illegible] [illegible] [illegible] [illegible] epicicli [illegible] [illegible] auge

super orientem et inde descendit usque occidentem

[A]rcus epicicli a puncto stationis 2e in prima statione. Arcus directionis super
primam stationem ad 2am. Sed arcus retrogradacionis est arcus epicicli cadens inter primam
stationem et 2am cuius due [illegible] computantur per partes augis epicicli [illegible] per suas partes centro
deferentis et iste arcus [illegible] ad [illegible] 2am quod centrum epicicli accedit ad
centrum terre aut recedit quare [illegible]. Puncta stationum et stationis primae
arcus prima stationis cum 2e stationis remanet arcus retrogradacionis. Et si statio
prima stet ab oculo [illegible] re-
manet arcus 2e stationis
[illegible] a. b. c.
[illegible] arcus b. c. a



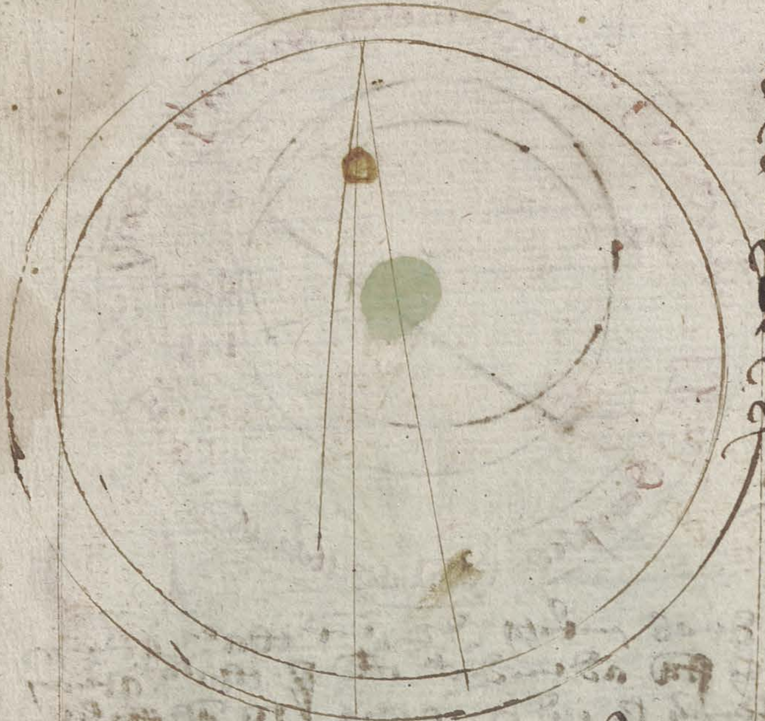
[M]edius motus planete
[illegible] ad tempus [illegible] qui
[illegible] se accip-
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] planete [illegible]

[M]edia coniunctio vel
oppositio dicitur 2a [illegible]
[illegible] 2a [illegible]
[illegible] 2a [illegible]
[illegible]
[illegible]

[P]uncta eclipsis [illegible]
eclipsis [illegible]
corporis lunaris vel solaris
[M]inuta [illegible]
[illegible] que
pertransit luna a principio

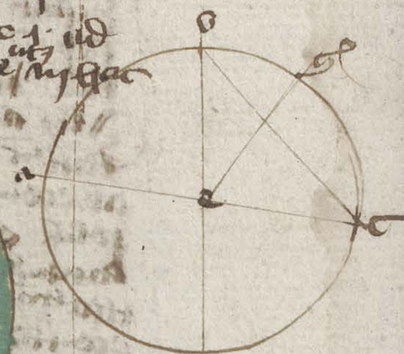


eclipsis usque ad medium [illegible] tota luna vel usque [illegible] totius
obscuracionis [illegible] et in [illegible] minuta [illegible] que pertransit
luna a principio eclipsis usque ad medium. [M]inuta medie more sunt minuta que
pertransit luna a principio totalis obscuracionis usque ad medium obscuracionis



Et ipse [illegible] si ipsa motus diurni [illegible]
motum equalem lune in una hora
[illegible] tempus in quo [illegible] capta
ca puncta. Item vel puncta
[illegible] dicitur [illegible] diametri epicicli
per [illegible] .i. [illegible] diametri epicicli
[illegible] ad punctum [illegible] lune .i. ad
punctum [illegible] lune [illegible]
[illegible] figura

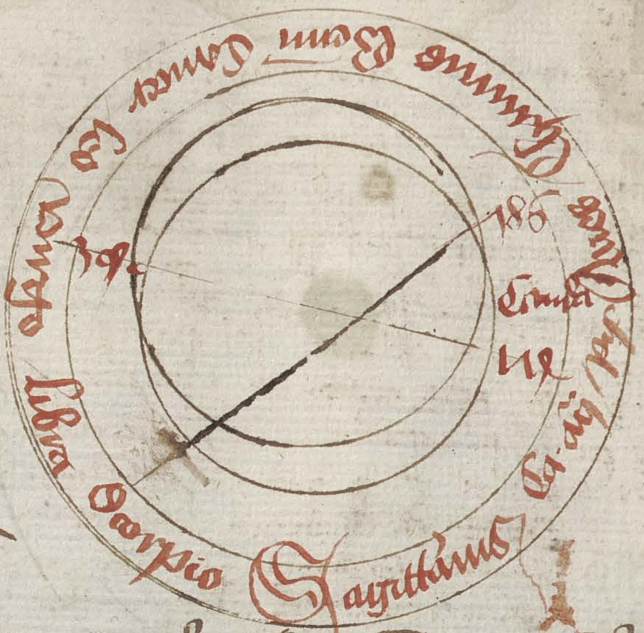




Nunc qui ponit in libello theorica [illegible] sunt [illegible]
[illegible] [illegible] compositionem [illegible]
[illegible] [illegible] motus [illegible] [illegible] motus [illegible] motus
[illegible] [illegible] medii [illegible] motus et motus solis et lune
[illegible] [illegible] motus [illegible] medios [illegible] tarda
[illegible] [illegible] [illegible] retrogradi [illegible] [illegible]
[illegible] planeti [illegible] motus [illegible] [illegible] [illegible]
[illegible] [illegible] planeti dicitur [illegible] [illegible] [illegible] medius [illegible]
[illegible] [illegible] dicitur [illegible] .i. [illegible] [illegible] [illegible] medio
[illegible] sit [illegible] medius motus [illegible] planeti [illegible] dicitur lune [illegible]
[illegible] [illegible] a sole vel sol ab eis [illegible] dicitur [illegible] accedit ad solem
[illegible] sol [illegible] et [illegible] signorum et planetarum [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] dicitur
[illegible] [illegible] [illegible] [illegible] [illegible] medio [illegible] et [illegible]
et [illegible] [illegible] [illegible]
[illegible]

[illegible] [illegible] duplicari [illegible] [illegible]
[illegible] [illegible] [illegible] orthogonaliter [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] aliquod corpus [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] diagonaliter [illegible] [illegible]
[illegible] planete [illegible] distantia [illegible] solis declinatio planete
[illegible] distantia [illegible] ab equinoctiali [illegible] [illegible] [illegible] solis
declinatio [illegible] accipe in [illegible] solis [illegible] [illegible]
[illegible] solis [illegible] equinoctiali [illegible] latitudinem [illegible] lune accipe [illegible]
[illegible] [illegible] lune ab [illegible] [illegible] [illegible] lune [illegible] solis
.i. [illegible] [illegible] ~~accipe~~ [illegible] si accipe declinationem [illegible] signorum
in quo est luna et [illegible] hora accipe latitudinem lune ab orbe signorum
[illegible] solis si [illegible] [illegible] latitudo et declinatio [illegible]



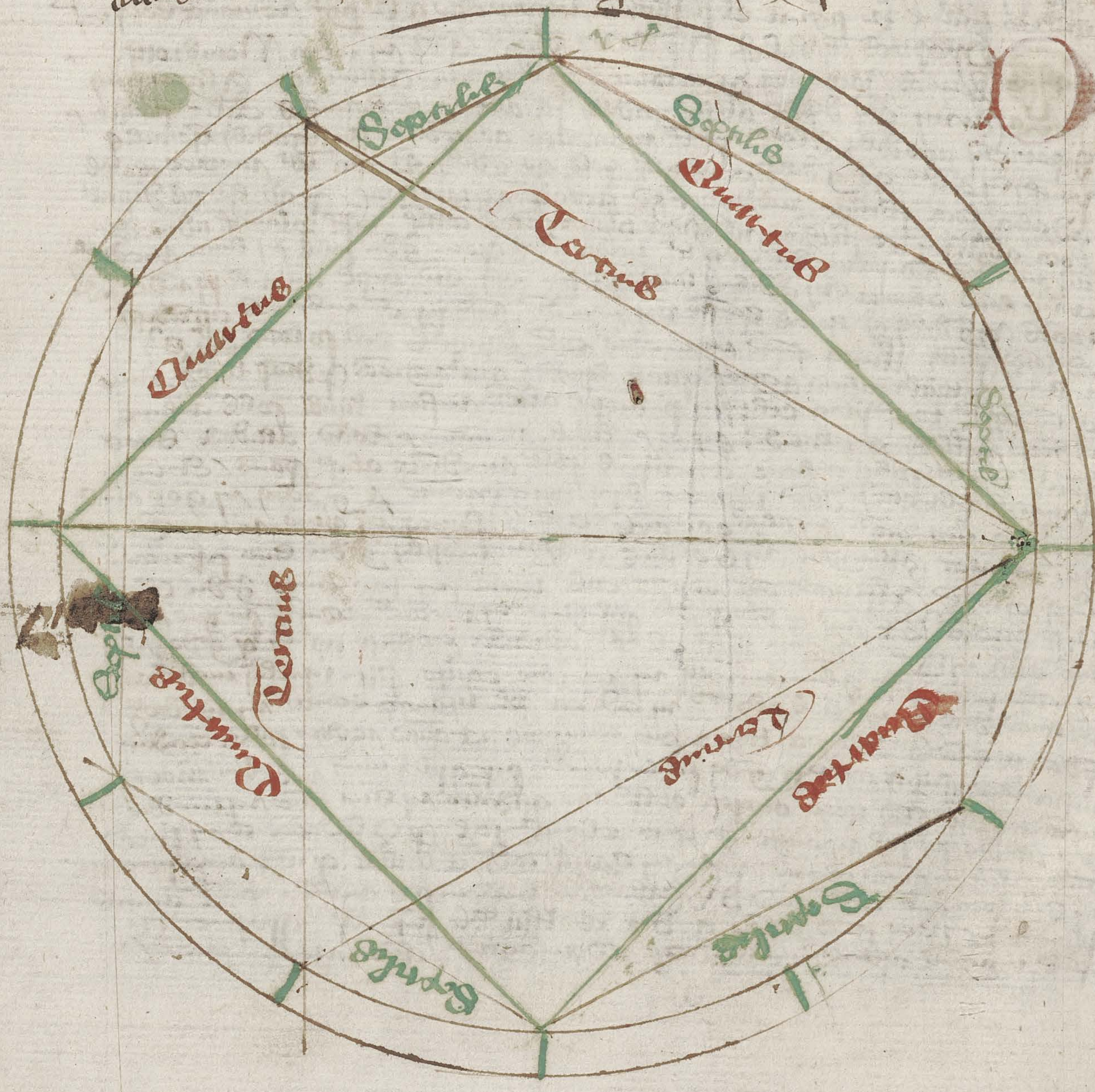


vel meridionalis [illegible] [illegible]
et [illegible] nobis declinacio lune
ab equinoctiali et sic fiunt diversa
[illegible] minuc̄ a maiori [illegible] [illegible]
planetis [illegible] declinacio et [illegible]
[illegible] [illegible] [illegible] lune [illegible]
distat a via solis et [illegible]
[illegible] in superficie ecentrici [illegible]
[illegible] [illegible] [illegible] latitudo
Alij autem planete [illegible] duplicem
latitudinem [illegible] [illegible] [illegible] declinat
ab ecentrico aliquis [illegible] declinat a via
solis et [illegible] [illegible] [illegible]
latitudo [illegible] [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] latitudinem [illegible]
ecentrici et [illegible] [illegible] [illegible] [illegible] duas [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] ad medium [illegible] [illegible] [illegible] [illegible]
[illegible] ad [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] ad [illegible] signa [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] signa [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] signis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ad [illegible]
[illegible] [illegible] ad [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] ad [illegible] [illegible] [illegible]
ad [illegible] a [illegible] [illegible] et latitudo [illegible] [illegible] in [illegible] [illegible] [illegible] distancia
[illegible] [illegible] epicicli ad [illegible] ecentrici distancia [illegible] computata [illegible] [illegible] solis
[illegible] [illegible] ecliptica [illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] solis a linea [illegible]
[illegible] epicicli ab ecentrico ita [illegible] [illegible] [illegible] planeta [illegible] ecliptica et centrum epicicli [illegible]
[illegible] centrum epicicli [illegible] in capite vel in cauda draconis [illegible] [illegible] [illegible] [illegible] [illegible]
in ecentrico et [illegible] [illegible] in auge epicicli [illegible] [illegible] [illegible] planeta a via solis [illegible]
[illegible] [illegible] [illegible] latitudo in [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] declinat planeta [illegible] [illegible] latitudo [illegible]
et latitudo [illegible] [illegible] in [illegible] [illegible] [illegible] distancia [illegible] [illegible] ecentrici a via
solis [illegible] distancia [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] in loco [illegible]
a [illegible] [illegible] signa [illegible] [illegible] in [illegible] [illegible] [illegible] [illegible] et in
[illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] duabus latitudinibus
[illegible] [illegible] [illegible] [illegible] Compotor [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] latitudinum [illegible] in quibus [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] epicicli [illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] a [illegible] [illegible]
[illegible] latitudo [illegible] [illegible] [illegible] [illegible] centrum epicicli [illegible] in [illegible] [illegible] [illegible] latitudo
[illegible] [illegible] [illegible] epicicli in ecentrico et centrum epicicli [illegible] in via solis et [illegible] [illegible] [illegible]
[illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] [illegible] latitudo a [illegible]
[illegible] et [illegible] [illegible] [illegible] [illegible] zodyaci [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
latitudo [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] latitudinem integras et [illegible] [illegible]
in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] latitudinem [illegible] [illegible]

q computanda est cum solis latitudo et sic pro computacione altitudinis alicuius 3o a
ut tanta sit latitudo duorum graduum 2m [illegible] computacio [illegible] alia [illegible]
2m alia computacione Caput autem 2m computatur et cauda [illegible] superiora [illegible] sunt
Caput autem et cauda [illegible] motum et ideo [illegible] [illegible] in latitudine [illegible]
superioribus et alia [illegible] duobus Caput autem motum et [illegible] [illegible]
[illegible] loca capitis [illegible] distat ab [illegible] verum locum capitis [illegible]
[illegible] distat a loco qui sit ex medio motu solis et [illegible] equatus
[illegible] equatus [illegible] motum medii solis // Vera loca capitis [illegible]
computata ab ariete 2m successionem signorum [illegible] [illegible]
[illegible] capitis [illegible] computata ab ariete [illegible] [illegible] computam
[illegible] successionem signorum [illegible] [illegible] capitis
[illegible] 12 signa et si [illegible] medium [illegible] a 12 [illegible] remanet verus [illegible]

Quoniam propter tabulas super arim [illegible] in india Nembroth
[illegible] Jacobini Ptholomei Albategni Albumasar Alfonsius
Arim [illegible] distat ab [illegible] gradibus [illegible] et Herculis [illegible]
distat [illegible] gradibus [illegible] oriente 90 gradibus et [illegible] Herculis
[illegible] 90 gradibus et [illegible] polo 90 gradibus et qui [illegible] [illegible]
[illegible] loca [illegible] medium [illegible] [illegible] [illegible] distat
[illegible] et [illegible] [illegible] planetarum [illegible]
[illegible] et si [illegible] solis in luna [illegible]
[illegible] gradibus [illegible] et [illegible] [illegible]
[illegible] loco [illegible] [illegible] [illegible]
[illegible] gradibus [illegible] [illegible] [illegible]
[illegible] luna [illegible] in medio celi [illegible] loco [illegible]
[illegible] aliorum [illegible] longitudine [illegible] locorum lune
et [illegible] eclipsim [illegible] altitudinem [illegible] solis et lune
in [illegible] et [illegible] [illegible] et [illegible] loco altitudinis [illegible]
[illegible] solis et lune et [illegible] solis [illegible] / Et [illegible]
[illegible] [illegible] versus oriente A gradibus in 90 annis
et [illegible] in aliis 900 annis [illegible] in [illegible] et
[illegible] Albategni in 60 annis et [illegible] [illegible]
[illegible] oriente Alfraganus [illegible] in 100 annis [illegible]
[illegible] oriente Et [illegible] sol [illegible] in medio [illegible]
[illegible] altitudinem [illegible] solis
[illegible] alia [illegible] in meridie [illegible] medii [illegible]
in [illegible] altitudinis in [illegible] sol in auge [illegible] in medio [illegible]
et [illegible] et [illegible] distancia tanta sit [illegible] et [illegible] solis [illegible]
[illegible] et [illegible] solis [illegible] [illegible]
[illegible] loco [illegible] [illegible] et [illegible] in [illegible] anno in meridie
in tanta [illegible] accepta et [illegible] in [illegible] anno in meridie
et in 90 die [illegible] sol in auge et [illegible] altitudinem et in [illegible]
[illegible] et [illegible] [illegible] et [illegible] sit nota
in [illegible] toto [illegible] Albategni [illegible] [illegible] [illegible]
planetarum [illegible] et die et [illegible] [illegible] et
[illegible] [illegible] [illegible] [illegible] [illegible] ut

[A]spectus planetarum sic poterit inveniri [illegible] equacionem
utriusque planete in quibus aspectus [illegible] in circulo [illegible]
[illegible] alterum ab altero et [illegible] remanentis aspectus [illegible]
planetarum [illegible] et ipsos duos numeros sic accipias [illegible] a maiori demas
et si sex signa remanent [illegible] illi due planete aspicient se
[illegible] Si remanent [illegible]
aspectus. Si [illegible] remanserit [illegible]
[illegible] aspectus oppositus. Si plures gradus remanserint [illegible]
[illegible] planete. Si [illegible] remanserit [illegible] planete erunt [illegible] corporaliter
Si remanserint [illegible] gradus [illegible] alterius [illegible]
alterius [illegible] erunt [illegible] et [illegible] Finis



Secundo [illegible] eclipsi[s] solis [illegible] [illegible] latitudine [illegible] et [illegible]
[illegible] [illegible] [illegible] latitudinem. [illegible] 2a [illegible]
[illegible] [illegible] luna [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] diametri [illegible] [illegible] [illegible] [illegible] [illegible]
et [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] no
[illegible] [illegible] [illegible] [illegible] minuta [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] eclipsis [illegible]
[illegible] minuta [illegible] [illegible] [illegible] 27 [illegible] orbis [illegible]
[illegible] [illegible] [illegible] 30 [illegible] et [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] 27 [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] eclipsis [illegible] 27 [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] 30
[illegible] [illegible] 27 [illegible] [illegible] et [illegible] eclipsis [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] 27 [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
27 [illegible] et [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] 27 [illegible]
Et [illegible] 27 [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] diurna et nocturna [illegible] et [illegible]
[illegible] et [illegible] [illegible] [illegible] [illegible]
[illegible] diurna [illegible] diurna [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
360 [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] diurna [illegible] diurna [illegible] et [illegible] Et [illegible]
[illegible] [illegible] 360 [illegible] [illegible] nocturna [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

[illegible] alias [illegible] meridiani [illegible] ultra [illegible] gradus [illegible]
[illegible]
[illegible] probabile [illegible]
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[illegible] 6 [illegible]
[illegible] Intrabo [illegible] gradu [illegible]
[illegible] gradus [illegible]
[illegible] 29
[illegible] 6 [illegible]
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[illegible]
[illegible] 316 gradus [illegible]
316 [illegible]
[illegible]
[illegible] 6 [illegible] 6 [illegible]
[illegible] 18 [illegible] 6 [illegible]
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[illegible] 16 hore 14 minuta 18 [illegible]
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[illegible] dici [illegible] et [illegible]
[illegible] dici [illegible] dic [illegible]
[illegible] dici et [illegible]
[illegible] 2 [illegible] et [illegible]
[illegible] dici [illegible] et [illegible]
et [illegible] 67 [illegible]
[illegible] dici [illegible]
dici [illegible] et [illegible]
[illegible]
[illegible] pro dicta [illegible]
[illegible] dici [illegible]
[illegible] 1292 [illegible] 3 [illegible] 26 182
[illegible]
[illegible] dici et [illegible]
[illegible] dic [illegible]
[illegible] 67 [illegible] et [illegible]
[illegible] et [illegible]
[illegible] 14 [illegible] et [illegible]
[illegible] et [illegible]
[illegible]
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[illegible] et [illegible]
[illegible] 30 [illegible] et [illegible] 30 [illegible]
[illegible] et [illegible]
[illegible] 60 et [illegible] et [illegible]
[illegible] et [illegible]
[illegible] dic [illegible]
[illegible] 12 [illegible] et [illegible] 3 [illegible]
[illegible] 14 [illegible]
[illegible] 14 [illegible] et 30 [illegible]
[illegible] 24 [illegible] et [illegible]
[illegible] et [illegible]
[illegible] 33 [illegible] et [illegible] 30 [illegible]
[illegible] 16 [illegible] et [illegible]
[illegible] et [illegible] 160 et [illegible]
[illegible] 1080 [illegible] 3 et [illegible]
[illegible] 226 [illegible] 48 [illegible]
[illegible] et [illegible] et [illegible]
[illegible]
[illegible] 16 [illegible] 13 [illegible]
[illegible] et [illegible]
[illegible] Et [illegible] et [illegible]
[illegible] et [illegible]
[illegible]

nocturna
Si vero tu scire vis per [illegible] [illegible] ... in ista [illegible] ascendentem [illegible] 16 gradus
et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 16 gradus
et 13 [illegible] [illegible] et [illegible] Scorpionis [illegible] [illegible] [illegible] ascendens [illegible] [illegible]
16 gradus et 13 [illegible] Scorpionis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] gradus [illegible] mediat [illegible] [illegible] ista [illegible] [illegible] [illegible] [illegible] [illegible]
6ta [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] gradus
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] gradus [illegible] [illegible] [illegible] et [illegible] gradus [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] gradus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] distat [illegible] 123 gradus [illegible] [illegible] [illegible] [illegible] distat [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] distantia [illegible] [illegible] [illegible] ante [illegible]
47 [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] dici [illegible] [illegible] [illegible] [illegible] [illegible] distantia [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
dici et [illegible] [illegible] [illegible] 124 [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] distantia [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
26 18 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] distantia [illegible] [illegible] horas integras [illegible] horas equales integras
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] horas [illegible]
et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] Si vero [illegible] [illegible] [illegible] [illegible] 36 [illegible]
[illegible]

Nota primo si [illegible] [illegible] [illegible] [illegible] eclipsis solaris [illegible] [illegible]
[illegible] [illegible] solis [illegible] [illegible] eclipsis [illegible] [illegible] [illegible] solis et lune
[illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] eclipsis solis [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible] Si vero [illegible] [illegible] [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] eclipsis solis [illegible] [illegible] [illegible] 4 / 30 [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] eclipsis solis
[illegible] 10 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible] [illegible] et 30 [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 30
[illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] eclipsis solaris [illegible] [illegible] [illegible] [illegible]
[illegible] solis [illegible] et [illegible] lune [illegible] [illegible] [illegible] solis et lune
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] solis [illegible] [illegible] [illegible] [illegible] eclipsis et [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible]

p[ro]p[te]r quod p[ro]ducta in se et [illegible] [illegible] aliquis 3 divida[tur] per 10 et in[de] [illegible] [illegible] [illegible] [illegible]
si aliquid fuit [illegible] residuum illud residua [illegible] et adda[tur] [illegible] 3 [illegible] [illegible] aliquis [illegible]
solis in [illegible] [illegible] et [illegible] 3a [illegible] dividat[ur] per 10 et [illegible] [illegible] [illegible] [illegible] [illegible] q[ue] addi[tur] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] et 2 [illegible] [illegible] [illegible] [illegible] dyametri solis [illegible] [illegible] [illegible]
solis in [illegible] [illegible] [illegible] medie eclipsis [illegible] [illegible] [illegible] [illegible] 2 32 [illegible] [illegible] residua 12a
et [illegible] tot 142 et [illegible] [illegible] ista 2a [illegible] [illegible] [illegible] illa [illegible] [illegible] in [illegible] loco
deinde [illegible] [illegible] [illegible] [illegible] et [illegible] ista 30 [illegible] et [illegible] [illegible] 142 [illegible] et [illegible]
et erit tot 30 [illegible] et [illegible] addita [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 33 [illegible] et [illegible]
[illegible] 2 q[ue] [illegible] divida[tur] per 10 et in [illegible] [illegible] [illegible] tot in 33 et in [illegible]
[illegible] [illegible] q[ue] residua [illegible] et [illegible] 2 [illegible] [illegible] adda[tur] [illegible] [illegible] [illegible] [illegible] et [illegible]
tot 288 q[ue] divida[tur] [illegible] per 10 et [illegible] tot 2 28 q[ue] adda[tur] [illegible] [illegible] [illegible]
et [illegible] dyametri [illegible] solis [illegible] 33 28 [illegible]

Item de [illegible] [illegible] [illegible] [illegible] dyametri lune et [illegible] [illegible] [illegible] motus lune in [illegible] [illegible]
[illegible] medie eclipsis et [illegible] [illegible] [illegible] deinde [illegible] motus lune multiplica per 6 et [illegible]
[illegible] alia [illegible] [illegible] [illegible] [illegible] residuum divide per 6 et q[ue] [illegible] in [illegible] [illegible] [illegible]
q[ue] reduca[tur] ad [illegible] et 2 [illegible] [illegible] per 60 et [illegible] dyametri [illegible] lune [illegible] [illegible] motus
lune [illegible] [illegible] [illegible] eclipsis [illegible] esse [illegible] 31 38 [illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] illa [illegible] et [illegible] residua [illegible] et [illegible] tot 1898 [illegible]
per [illegible] alia 23a et [illegible] [illegible] q[ue] [illegible] [illegible] deinde [illegible] [illegible] [illegible] lune
reducta [illegible] per 6 et [illegible] tot [illegible] 11388 a quibus [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] 23a et [illegible] tot 11141 q[ue] divida[tur] per 6 et in [illegible] [illegible] [illegible] [illegible] [illegible] tot
[illegible] 1848 q[ue] reduca[tur] ad [illegible] et 2 [illegible] divide per 60 et [illegible] dyametri lune [illegible] 30 48 [illegible]

Semidyameter solis 16 [illegible] Semidyameter lune 14 24

Consequenter si [illegible] eclipsis [illegible] [illegible] depinge[re] luna [illegible] [illegible] in [illegible]
[illegible] [illegible] deinde [illegible] [illegible] [illegible] [illegible] semidyametri solis et lune
[illegible] [illegible] linea [illegible] [illegible] [illegible] semidyametri et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] medietas dyametri [illegible] [illegible] [illegible] [illegible] semidy[ametri] [illegible] [illegible]
et lune [illegible] [illegible] [illegible] dyametri [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] medias [illegible] et septentrio [illegible] [illegible] [illegible] linea [illegible] semidy[ametri]
solis et [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] erit [illegible] [illegible] deinde [illegible] linea
[illegible] [illegible] [illegible] [illegible] lune [illegible] eclipsis et [illegible] [illegible] in dyametro [illegible] [illegible]
[illegible] [illegible] [illegible] eclipsis in [illegible] dyametri [illegible] [illegible] [illegible] [illegible] [illegible] eclipsis
p[ro]p[te]r [illegible] [illegible] [illegible] dyametro a [illegible] [illegible] [illegible] eclipsis [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] eclipsis in [illegible] et [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] linea [illegible] [illegible] semidyametri lune [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] linea [illegible] [illegible] in [illegible] [illegible]
[illegible] [illegible] [illegible] erit [illegible] [illegible] linea in [illegible] erit [illegible] [illegible] [illegible] [illegible]
[illegible] eclipsis et [illegible] [illegible] linee in [illegible]
eclipsis et [illegible] figuram eclipsis solis

Item [illegible] de eclipsi lune si [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] lune [illegible]
eclipsis [illegible] [illegible] [illegible] [illegible] eclipsis [illegible] et q[ue] [illegible] [illegible] [illegible] [illegible] [illegible]
eclipsis [illegible] [illegible] [illegible] [illegible] [illegible] si [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
et [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] et [illegible] erit [illegible] et [illegible] [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] eclipsium esse [illegible] [illegible] [illegible] [illegible] eclipsis
[illegible] [illegible] ista [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] eclipsis
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in eclipsi lune [illegible] [illegible] anno [illegible] 1420 [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] eclipsis [illegible] tot [illegible] 16 [illegible] [illegible] 10 [illegible]
[illegible] die februarii [illegible] eclipsis fuit tot [illegible] 31 16 [illegible] [illegible] [illegible] [illegible] [illegible] 11 et
[illegible] 20 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] 10 20 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 31 16 [illegible] [illegible] [illegible] tot [illegible] eclipsis [illegible] 41 16 [illegible]

Ad inveniendum ad descripcionem figure eclipsis lune [illegible] sume centrum diametri lune et [illegible] centro diametri umbre in loco tercio lune [illegible] diametri lune [illegible] diametri umbre in loco [illegible] lune [illegible] [illegible] ea [illegible] eius [illegible] et [illegible] diametri lune [illegible] et [illegible] addatur [illegible] [illegible] diametri umbre in loco [illegible] lune [illegible] sol sit in longitudine longiori [illegible] [illegible] [illegible] [illegible] longitudine longiori [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] diametri umbre [illegible] diametri lune [illegible] longitudine solis [illegible] [illegible] et [illegible] [illegible] &

[illegible] eclipsim lune [illegible] [illegible] lune [illegible] diametri lune ad umbre in loco [illegible] lune [illegible] lune [illegible] diametri [illegible] eius [illegible] lune ad [illegible] eclipsis [illegible] et [illegible] eius [illegible] umbre [illegible] diametri umbre [illegible] [illegible] capita [illegible] [illegible] lune ad [illegible] eclipsis [illegible] diametri [illegible] lune [illegible] eclipsis et [illegible] eclipsis [illegible] lune [illegible] diametri [illegible] lune [illegible] eclipsis [illegible] eclipsis [illegible] lune [illegible] eclipsis [illegible] diametri [illegible] [illegible]

[illegible]

[illegible]

[illegible]

Item si vis [illegible] in [illegible] [illegible] fracciones ad [illegible] et ad alias fracciones [illegible]
[illegible] reducere eas [illegible] et illas fracciones [illegible] et reducta dicit
[illegible] et [illegible] est [illegible] fracciones [illegible] quas [illegible]
[illegible] 60 [illegible] reducta ad fracciones [illegible] 60 et [illegible] remanet [illegible]
[illegible] aliud [illegible] 60 et [illegible] fraccio [illegible] alie fracciones [illegible]
[illegible] dicitur [illegible] et denominacio [illegible] dicit et aliud [illegible]
[illegible] per alias fracciones quas [illegible]
Item [illegible] et alias fracciones [illegible] et ad [illegible] fracciones [illegible] reducere
[illegible] et [illegible] fracciones ad eandem denominacionem et [illegible]
[illegible] aliud [illegible] et denominacio [illegible] ista
[illegible] reducta [illegible] reducet ad fracciones [illegible] 60 et
[illegible] fracta [illegible]
[illegible]

Item [illegible] [illegible] minuta [illegible] dicit
[illegible] ad secundam horas et minuta [illegible] horas [illegible]
[illegible] prima [illegible] ad [illegible] horas [illegible] duo [illegible]
et 30 [illegible] et [illegible] 60 [illegible] Sed alia [illegible]
[illegible] 60 [illegible] et [illegible] 60 [illegible] horas [illegible]
[illegible] horas [illegible] et [illegible] remanet 12 [illegible] minuta [illegible] 60 [illegible]
[illegible] et [illegible] 30 et [illegible] minuta [illegible] duo [illegible] 30
[illegible] super [illegible] et [illegible] super [illegible] 3 [illegible] et [illegible]

Sed [illegible] minuta [illegible] ad secundam horas et [illegible] fracciones
[illegible] horas [illegible] et [illegible] fracciones [illegible] minuta [illegible] 60
et [illegible] 60 et [illegible] et [illegible] super
[illegible] 2 et si [illegible] super 2 [illegible] 3 et [illegible]

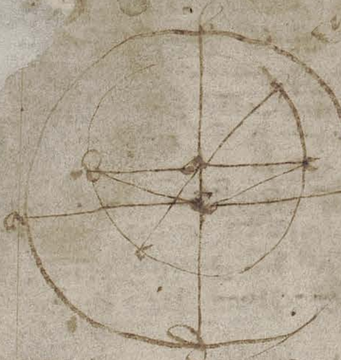
Item [illegible] minuta [illegible] ascendunt [illegible]
[illegible] et 2 [illegible] ascensionem [illegible] hora equali [illegible]
ascendunt 14 [illegible] et [illegible] hore [illegible]
hore ascendunt 14 [illegible] et [illegible] hore ascendunt [illegible]
[illegible] ascendunt [illegible] hore [illegible] et 2 [illegible]
[illegible] et [illegible] hora [illegible] 14 [illegible] et [illegible]
[illegible] et [illegible] 2 [illegible]
[illegible] ascendunt [illegible] 2 [illegible] eandem ad [illegible] 2
et eandem ad 2 et [illegible] 3 et [illegible]

Sed [illegible] 2 [illegible] minuta [illegible]
[illegible] ad eandem [illegible] aqua [illegible] Sed [illegible]
[illegible] hore et [illegible] et 16 [illegible] super [illegible] 2

2 21 31 13 [illegible]

1 18 [illegible] 39 [illegible]

[illegible]



[illegible]

[illegible] productos testes et dicta eorum [illegible] et [illegible] parte Mathie Clerici [illegible]
[illegible] Stephanum et [illegible] Martini Clerici de [illegible] salvo eo quod si [illegible] sunt [illegible]
in dictis suis attestacionibus que faciunt de facto videlicet parte dicti Martini et [illegible] parte
adversa [illegible]
[illegible] tantum applicare [illegible] quo solempniter [illegible] et admitte
dictus [illegible] et [illegible] procurator dicti Martini [illegible]
nomine procuratorio [illegible] et [illegible] et [illegible] testes
[illegible] fuit [illegible] data [illegible] refert [illegible]
[illegible] informati ad testificandum [illegible] intencione ad quod [illegible]
[illegible] favore [illegible] illicite [illegible]
[illegible] et [illegible] dicta testimonia [illegible]
repellendi
[illegible] ad [illegible] teste Stamslaw

1	2	3	4	5	6	7	8	9
2	4	6	8	10	12	14	16	18
3	6	9	12	15	18	21	24	27
4	8	12	16	20	24	28	32	36
5	10	15	20	25	30	35	40	45
6	12	18	24	30	36	42	48	54
7	14	21	28	35	42	49	56	63
8	16	24	32	40	48	56	64	72
9	18	27	36	45	54	63	72	81

[illegible]

[illegible] ad [illegible]

Domine [illegible] miserere mei secundum magnam misericordiam tuam et secundum [illegible]

[illegible]



[illegible]